POLYMERS
for industry

General Catalogue

VINAVIL®
YOUR PARTNER IN POLYMERS

Headquarters
Milan - ITALY

Commercial Offices
Milan - ITALY
Dortmund - GERMANY
Bordeaux - FRANCE
Barcelona - SPAIN
Cairo - EGYPT
Deerfield Beach (Miami) FL - USA
Laval (Montreal) - QC - CANADA

Plants
Villadossola - ITALY
Ravenna - ITALY
Suez - EGYPT
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Laval (Montreal) - QC - CANADA

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Polymers for industry
General Catalogue

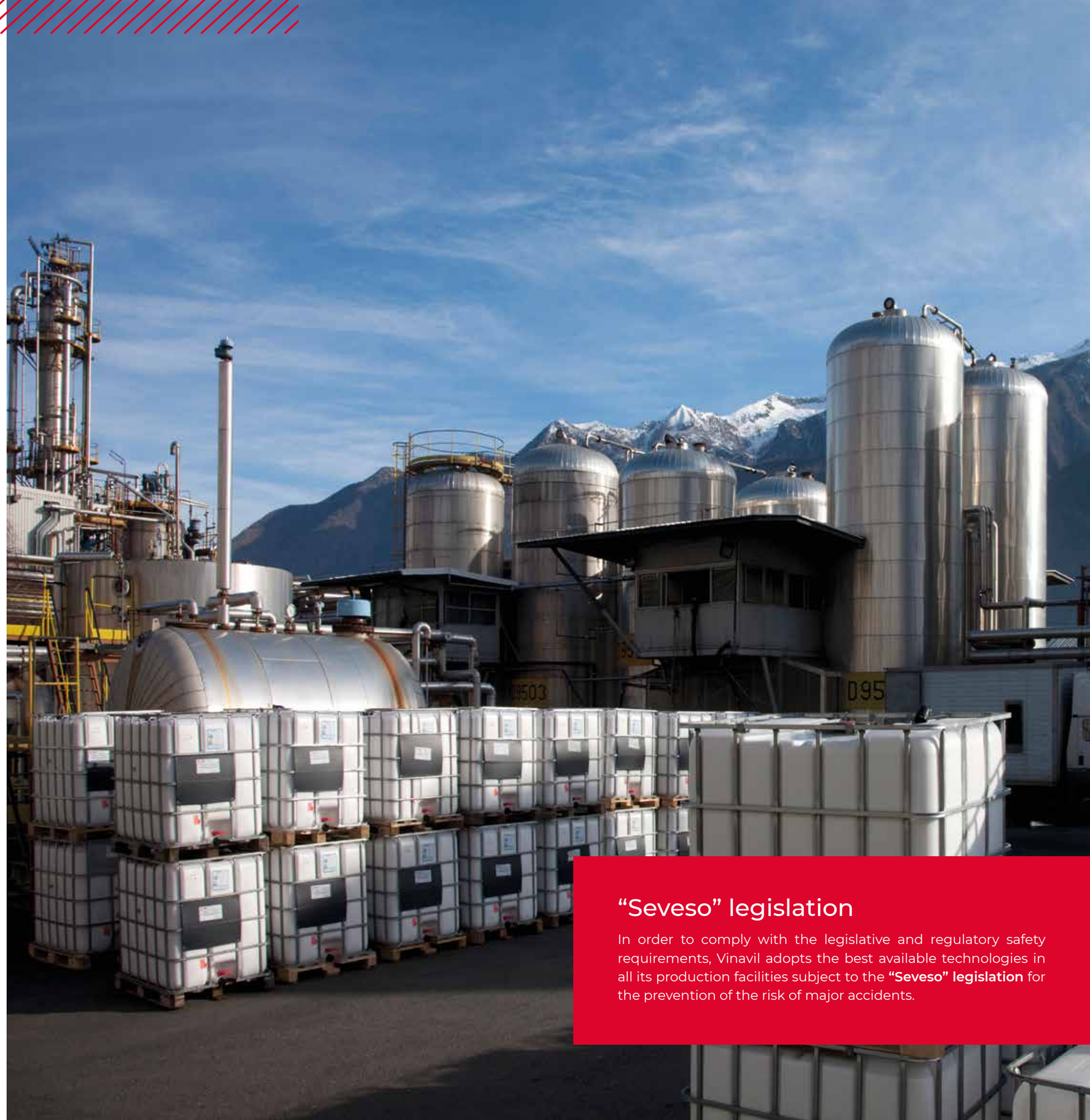
Vinavil: innovation in polymers

Vinavil S.p.A. was founded in 1994 when the MAPEI Group acquired the vinylacetate **polymers production** division of EniChem Synthesis. The company's background is based on the long-standing Italian tradition of chemical development. Continuing this history, **Vinavil** has become not only a market leader in Italy, but also an important player in the international polymer dispersions and solid polymers markets, with manufacturing plants in Italy, as well as in Egypt, the U.S. and Canada. **Vinavil** has also established a **worldwide sales network** over five continents. It continues to invest in its production plants, with a particular attention to the environment and to its workers' safety. **Research & Development** is the pride of the company with its 3 research facilities coordinated by the center of excellence located in Italy.

Research & Development

Thanks to an excellent team and to the best-in-class research equipment, **Vinavil** provides customers with the leading-edge technology to help them grow their business. VINAVIL is able to anticipate the market requests, so as to always be near to customer requirements (**Customer Intimacy**).

- **Center of Excellence**: Villadossola (VB - Piedmont).
- **Research & Development personnel**: 32 people, highly qualified.
- **Laboratories**: Milan, Laval (Canada) and West Chicago (USA).



"Seveso" legislation

In order to comply with the legislative and regulatory safety requirements, Vinavil adopts the best available technologies in all its production facilities subject to the **"Seveso" legislation** for the prevention of the risk of major accidents.

The Research Center of Villadossola

It is the historic site of Montedison, where the main products and innovative technologies for chemical reactions were developed, which are still competive today. Here a **Technology Center** provides technical support for the development of new products and their applications.

Mapei Laboratories of Milan

The core research mainly deals with the field of exploratory synthesis. It also provides support to the production plant of Ravenna.

Mapei R&D Center in Laval

It is dedicated to the development and improvement of the products and technologies of **Vinavil Americas**, the American headquarters of the **Vinavil Group**.

Regulatory

The Regulatory Department offers skills and knowledge about chemical products' regulation to support new products' development and launch, data development, and local and worldwide compliance confirmation for already existing products.

Health and safety, protecting the environment and certified quality

Workforce **health** and **safety**, **environment protection** and quality of products and services are essential values that form the foundations for **Vinavil** development strategy.
These three drivers allow it to guarantee a high level of **commitment** and **responsibility** towards customers, local communities, authorities, employees and all stakeholders involved in the company's activities.

Products and **solutions** for the global market

Experience and ability to innovate have made **Vinavil** the most important Italian company in the field of dispersion polymers.
Vinavil is a familiar name in Italian daily life. Since the 1950's **Vinavil**'s most well-known product has been the legendary **Vinavil universal adhesive** (white glue) made from polyvinyl acetate contained in the classic red and white packaging.
In the so called "small packages" field, **Vinavil** has further expanded its range with 2 new lines:

- **Vinavil Casa & Scuola (Home & School)**: dermatologically tested and **allergen-free glue**, perfect for domestic use.
- **Vinavil Pro**: 3 versions of professional adhesive glue for wood, completely **formaldehydee-free**.

All new bottles are made of certified **recycled plastic**, which improves its **sustainability** and underscores the company's attention to the environment.

Vinavil Home & School

Vinavil Pro

The famous white glue is only a small part of the production: **Vinavil** produces over **50 products for the adhesive sector**. This is the core business of the company, in which it is the market leader in water-resistant adhesives. Other sectors of excellence are textiles, building industry and chewing gum. Among the emerging markets, acrylic polymers for the self-adhesives sector (PSA) and for wood coatings stand out.

Six extensive categories

Vinavil encompasses products in constant evolution, and always with the capacity to meet the most demanding requirements of the market. **Binders** for water-based paints, **dispersions** for adhesives, **redispersible powders** for the building industry, **solid polymers** for the chewing-gum industry, **beads** for specialty applications, **vinyl acetate adhesives** for the do-it-yourself sector, **acrylic copolymers** for a wide variety of applications and **tailor-made polymers** are just a few examples of these product lines.

Registered trademarks

VINAVIL®
Vinyl dispersions and solid polymers for coatings, adhesives and textile industries. Redispersible powders for building industry.

CRILAT®
Acrylic and styrene-acrylic dispersions for coatings, building, adhesives and textile industries.

VINAVIL EVA®
Vinylacetate-ethylene dispersions for coatings, adhesives and textile industries.

VINAFLEX®
Solid vinylacetate/crotonic acid-based homopolymers and copolymers for the LPA (Low Profile Additives) industry.

RAVEMUL®
Vinyl dispersions for coatings, adhesives and textile industries.

VINAPUR®
Hybrid acrylic/urethane dispersions for building, adhesives and textile industries.

RAVIFLEX®
Solid polymers for the food industry.

Systems and products **certifications**

Vinavil S.p.A. has obtained from Certiquality:

- **Quality Management System** Certification according to **ISO 9001**
- **Environmental Management System** Certification according to **ISO 14001**
- **Health & Safety Management System** Certification according to **ISO 45001**

These certifications were awarded at company level and include all company processes carried out at the head office in Milan and at the manufacturing sites in Ravenna and Villadossola covering the "Research and development, engineering, production, sales and technical support for acetovinylic resins, ethylenic resins, acrylic resins, styrene-acrylic resins, resins in solution and dispersion and additives for mortar and concrete, through polymerization, mixing and spray drying processes".

The **Raviflex BLS** product line is certified according to **ISO/FSSC 22000** standards for the "Research, development and production of synthetic polymers for the food industry".

CERTIFIED MANAGEMENT SYSTEMS
CERTIQUALITY
UNI EN ISO 9001:2015
UNI EN ISO 14001:2015
UNI ISO 45001:2018

Responsible Care®
OUR COMMITMENT TO SUSTAINABILITY

Adhesives
product range

EMULSIFYING SYSTEM

PVOH	Poly Vinyl AlcOHol
CD	Cellulose Derivate
S	Surfactant

POLYMER TYPE

PVAc	Poli Vinyl Acetate	Acr	Acrylic
VAE	Vinyl Acetate Ethylene	Acr/PU	Acrylic PolyUrethane
VA/VV	Vinyl Acetate Vinyl Versatate	Sty/Acr	Styrene Acrylic
VA/Acr	Vinyl Acrylic	VA/CR	Vinyl Acetate CRotonic acid
VA/DBM	Vinyl Acetate Di-Butyl Maleate	VA/Acr/VV	Vinyl Acrylic Versatic

ADHESIVES FOR PACKAGING AND PAPER CONVERTING

Vinyl Acetate Homopolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	PAPER AND CARDBOARD	TOBACCO INDUSTRY	FAST SETTING TIME	BOOK BINDING	TUBE WINDING	CORRUGATED BOARD	FOLDED BOXES	PRODUCT
VINAVIL CA/R	60±2	36000±6000	5.0±0.5	PVAc	High setting speed, high wet tack development, high filler acceptance	PVOH	15	⬢		⬢	⬢	⬢	⬢	⬢	**VINAVIL CA/R**
VINAVIL 2160 L	60±1	3000±1000	4.5±0.5	PVAc	High setting speed, high wet tack development, good workability	PVOH	14	⬢	⬡	⬢				⬢	**VINAVIL 2160 L**
VINAVIL 2154 L	55±1	3000±1000	4.5±0.5	PVAc	Excellent setting speed, outstanding wet tack development, good workability	PVOH	14	⬢	⬢	⬢				⬢	**VINAVIL 2154 L**
VINAVIL KA/R	50±2	48000±6000	4.5±0.5	PVAc	Fast setting speed, high wet tack development, high loadability with minerals fillers	PVOH	14	⬢		⬢	⬢	⬢	⬢	⬢	**VINAVIL KA/R**

Plasticized Vinyl Acetate Homopolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	PAPER AND CARDBOARD	FAST SETTING TIME	BOOK BINDING	FOLDED BOXES	CASE CLOSING	PRODUCT
RAVEMUL P 13	54±2	3000±500	5.0±0.5	PVAc	Fast setting time, suitable for nozzles and wheel applications	PVOH	0	⬢	⬢	⬢	⬢	⬢	**RAVEMUL P 13**
VINAVIL KA 25	54±2	43000±10000	4.5±0.5	PVAc	High viscosity	PVOH	0	⬢		⬢			**VINAVIL KA 25**
VINAVIL MV 15 S	52±1	12500±3500	4.5±0.5	PVAc	General purpose adhesive for DIY applications	PVOH	2	⬢		⬢			**VINAVIL MV 15 S**
VINAVIL 2350 L	50±2	8500±1500	4.5±0.5	PVAc	Mosaic glues	PVOH	0	⬡					**VINAVIL 2350 L**
VINAVIL P 18 D	45±2	3500±1000	4.5±0.5	PVAc	Fast setting speed, good workability	PVOH	0	⬢	⬢	⬢	⬢	⬢	**VINAVIL P 18 D**

VAE Copolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	Tg °C	PAPER / PLASTIC MATERIALS	PACKAGING	MOSAIC GLUES	FLOORING ADHESIVES	ADHESIVE PROMOTER	PAPER CONVERTING	TOBACCO INDUSTRIES	PRODUCT
VINAVIL 2428	60±1	11000±4000	6.0±0.5	VAE/Acr	VAE/Acr terpolymer, excellent balance between adhesion and cohesion	S	-27	⬢	⬢		⬢	⬢	⬡		**VINAVIL 2428**
VINAVIL EVA 015	60±1	5500±1500	5.0±0.5	VAE	Excellent rheology, good versatility on plastic materials, high setting speed	PVOH	3	⬡	⬢				⬢	⬢	**VINAVIL EVA 015**
VINAVIL EVA 2607 L	60±1	4000±1000	5.5±1.0	VAE	Good versatility on plastic materials, high setting speed	PVOH	7	⬢	⬢		⬡		⬢		**VINAVIL EVA 2607 L**
VINAVIL EVA 2601 L	55±1	8000±2000	4.5±0.5	VAE	Good adhesion on plastic materials, good setting speed	PVOH	3	⬢	⬢				⬢	⬢	**VINAVIL EVA 2601 L**
VINAVIL EVA 202	55±1	5000±1000	5.0±0.5	VAE	Excellent rheology, high wet tack development	PVOH	3	⬢	⬢	⬡			⬢	⬢	**VINAVIL EVA 202**
VINAVIL EVA 2606 L	55±2	<2000	4.8±0.8	VAE	Repulpable adhesives	PVOH	15	⬡	⬢						**VINAVIL EVA 2606 L**
VINAVIL EVA 2603 L	55±1	2500±500	5.0±0.5	VAE	Good versatility on plastic materials, excellent rheology, high setting speed	PVOH	3	⬢	⬢				⬢		**VINAVIL EVA 2603 L**
VINAVIL EVA 2609 L	50±1	8000±3000	4.5±0.5	VAE	Good adhesion on plastic materials, high viscosity	PVOH	2	⬡	⬢		⬡		⬢		**VINAVIL EVA 2609 L**

formaldehyde-free NH_3 ammonia-free

⬢ main use ⬡ possible use

Adhesives product range

ADHESIVES FOR PACKAGING AND PAPER CONVERTING

Vinyl Versatic Copolymer (VEOVA) Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	Tg °C	HEAT SEALABLE ADHESIVES	PRODUCT
RAVEMUL T 33	55±1	3000±1000	4.5±0.5	VA/VV	Heat sealable adhesive without blocking	CD	34	⬡	**RAVEMUL T 33**
RAVEMUL O 23	50±1	1500±1000	4.5±0.5	VA/VV	Heat sealable at 80°C	S	30	⬡	**RAVEMUL O 23**

Vinyl and Acrylic Copolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	Tg °C	OPP LAMINATION	FLOORING ADHESIVES	HEAT SEALABLE ADHESIVES	PRODUCT
VINAVIL 2464	60±1	<1000	4.5±1.0	VA/Acr	High tack and excellent adhesion	S	-30		⬡		**VINAVIL 2464**
CRILAT 2823	54±1	250±150	6.0±1.0	Acr	Excellent for dry OPP lamination, 48 hours stability after the addition of aliphatic isocyanate hardner	S	-20	⬡			**CRILAT 2823**
VINAVIL 2416	52.5±1	1000±500	4.5±0.5	VA/Acr	Resilient and rubber flooring adhesives, good adhesion on plastic materials	S	-15		⬡		**VINAVIL 2416**
VINAVIL 52 AB	50±1	2000±1000	4.5±0.5	VA/Acr	Shoes adhesives, heat sealable at 65°C	S	19			⬡	**VINAVIL 52 AB**
CRILAT 2824	50±1	<150	6.0±1.0	Acr	Ready to use product for OPP lamination, 48 hours stability after the addition of aliphatic isocyanate hardner	S	-20	⬡			**CRILAT 2824**
CRILAT 2825	46±1	<100	6.0±1.0	Acr	Plasticizer free acrylic water-based dispersion characterized by long open time and easy machine cleanability	S	-20	⬡			**CRILAT 2825**

ALKALI SOLUBLE LABEL ADHESIVES

Acrylic Copolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	Tg °C	GLASS LABELLING	DIY TRANSPARENT GLUES	PRODUCT
CRILAT 2951 L	50±1	<500	3.5±0.5	Acr	Alkali soluble	S	38	⬡	⬡	**CRILAT 2951 L**
CRILAT 2956 L	50±1	<500	3.5±0.5	Acr	Alkali soluble, high tack	S	38	⬡	⬡	**CRILAT 2956 L**
CRILAT 2954 L	47±1	<500	4.0±0.5	Acr	Alkali soluble, IWR	S	28	⬡	⬡	**CRILAT 2954 L**

WOOD ADHESIVES

Vinyl Acetate Homopolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	WOOD FURNITURE	WOOD VENEERING	WOOD LAMINATION	PRODUCT
VINAVIL CA/R	60±2	36000±6000	5.0±0.5	PVAc	Excellent heat resistance	PVOH	15	⬡	⬡	⬡	**VINAVIL CA/R**
VINAVIL 2160 L	60±1	3000±1000	4.5±0.5	PVAc	Doweling, good machinability	PVOH	14	⬡			**VINAVIL 2160 L**
VINAVIL KA/R	50±2	48000±6000	4.5±0.5	PVAc	Excellent heat resistance	PVOH	14	⬡	⬡	⬡	**VINAVIL KA/R**

formaldehyde-free NH_3 ammonia-free

⬡ main use ⬡ possible use

WOOD ADHESIVES

Modified Vinyl Acetate Homopolymer Dispersions

D2 DURABILITY CLASS (EN 204/205)

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	ASSEMBLY	WOOD FURNITURE	WOOD VENEERING	WOOD LAMINATION	PRODUCT
VINAVIL 2560 M	60±1	12000±3000	5.0±0.5	PVAc	High setting time, water resistance	PVOH	6	⬡	⬡	⬡	⬡	**VINAVIL 2560 M**
VINAVIL 2550 FF	51±1	12000±3000	7.0±0.5	PVAc	Water resistance, suitable for DIY, fast setting time	PVOH	3	⬡	⬡	⬡	⬡	**VINAVIL 2550 FF**
RAVEMUL M 18	50±1	55000±10000	4.5±0.5	PVAc	Water resistance, high viscosity	PVOH	4	⬡	⬡	⬡	⬡	**RAVEMUL M 18**
RAVEMUL M 11	50±1	29000±5000	4.5±0.5	PVAc	Water resistance, medium viscosity	PVOH	5	⬡	⬡	⬡	⬡	**RAVEMUL M 11**
VINAVIL 2213	50±1	19000±3000	4.5±0.5	PVAc	Fast setting time, excellent creep resistance, wood fiber tear	PVOH	5	⬡	⬡	⬡	⬡	**VINAVIL 2213**
VINAVIL 2258 M	50±2	15000±2000	5.0±0.5	PVAc	1K D2 and 2K D4 by addition of inorganic salt, high pot-life	PVOH	4	⬡	⬡	⬡	⬡	**VINAVIL 2258 M**
VINAVIL SK	45±1	48000±10000	5.0±0.5	PVAc	Excellent cost/performance, water resistance	PVOH	3	⬡	⬡	⬡	⬡	**VINAVIL SK**

D3 DURABILITY CLASS (EN 204/205)

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	ASSEMBLY	WOOD FURNITURE	WOOD VENEERING	WOOD LAMINATION	PRODUCT
VINAVIL 2252 HV	52±1	17500±2500	3.0±0.2	PVAc	High water resistance, excellent creep resistance, high bond strength, heat resistance	PVOH	3	⬡	⬡	⬡	⬡	**VINAVIL 2252 HV**
VINAVIL 2252 M	52±1	15000±3000	3.0±0.2	PVAc	Water resistance, high creep resistance, high bond strength, heat resistance	PVOH	3	⬡	⬡	⬡	⬡	**VINAVIL 2252 M**
VINAVIL 2253 M	52±2	12000±2000	3.0±0.5	PVAc	Water resistance, low HCHO content, low discoloration of the glue line	PVOH	5	⬡	⬡	⬡	⬡	**VINAVIL 2253 M**
VINAVIL 2251 L	51.5±1.5	13000±3000	3.0±0.2	PVAc	Water resistance, high creep and heat resistance, suitable for DIY	PVOH	3	⬡	⬡	⬡	⬡	**VINAVIL 2251 L**
VINAVIL 2254 M	50±1	10000±2000	3.0±0.2	PVAc	Water resistance, suitable rheology for industrial applications, good machinability	PVOH	3	⬡	⬡	⬡	⬡	**VINAVIL 2254 M**
VINAVIL 2257 M	57±2	15000±3000	3.0±0.2	PVAc	High solids, water resistance, low HCHO content, no glue line discoloration	PVOH	8	⬡	⬡	⬡	⬡	**VINAVIL 2257 M**
VINAVIL 2246 L	48±1	11500±2500	4.5±0.5	PVAc	Formaldehyde free, high inorganic filler acceptance up to 40 pbw, no metal corrosion, no stains	PVOH	5	⬡	⬡	⬡	⬡	**VINAVIL 2246 L**

BIO D3 DURABILITY CLASS (EN 204/205)

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	ASSEMBLY	WOOD FURNITURE	WOOD VENEERING	WOOD LAMINATION	PRODUCT
VINAVIL BIO 2211 L	52±1	7000±3000	3.0±0.2	PVAc	11% of C14 substitution from BIO SOURCES, water resistance, heat resistance	PVOH	6	⬡	⬡	⬡	⬡	**VINAVIL BIO 2211 L**
VINAVIL BIO 2252 M	52±1	15000±3000	3.0±0.2	PVAc	Water resistance, high creep resistance, high bond strength, heat resistance, based on mass balance approach	PVOH	3	⬡	⬡	⬡	⬡	**VINAVIL BIO 2252 M**

formaldehyde-free NH_3 ammonia-free

⬡ main use ⬡ possible use

Adhesives product range

WOOD ADHESIVES

D4 DURABILITY CLASS (EN 204/205)

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	ASSEMBLY	WOOD FURNITURE	WOOD VENEERING	WOOD LAMINATION	PRODUCT
VINAVIL 2261 L	51±2	6500±4500	3.4±0.4	PVAc	1K, water resistance, low HCHO content, low odor emission, performance stability over time	PVOH	6	⬡	⬡	⬡	⬡	**VINAVIL 2261 L**
VINAVIL 2256 L	48±2	7000±3000	3.0±0.2	PVAc	1K, water resistance, high bond strength, heat resistance performance stability over time	PVOH	6	⬡	⬡	⬡	⬡	**VINAVIL 2256 L**

XT CLASS ADHESIVES

PRODUCT	SOLID CONTENT %	VISCOSITY mPa*s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	TMF °C	ASSEMBLY	WOOD FURNITURE	WOOD VENEERING	WOOD LAMINATION	PRODUCT
VINAVIL XT 500	50±2	15000±2000	5.0±0.5	PVAc	In combination with VINADUR 500, it is a 2 K adhesive for non load bearing exterior wood, complying with XT 5 durability class according to EN 17619	PVOH	4	⬡	⬡			**VINAVIL XT 500**
VINAVIL XT 700	48±2	7000±3000	3.0±0.2	PVAc	In combination with VINADUR 700, it is a 2 K adhesive for non load bearing exterior wood complying with XT 6 durability class according to EN 17619	PVOH	6	⬡	⬡			**VINAVIL XT 700**
VINADUR 100	54±1	<100	2.8±0.3	-	Hardner based on inorganic salts for wood adhesives in combination with Vinavil 2258 and PW 195	-	-					**VINADUR 100**
VINADUR 500	29.5±1.0	<100	2.9±0.3	-	Hardner based on inorganic salts for wood adhesives in combination with Vinavil 2258, XT 500 and PW 195	-	-					**VINADUR 500**
VINADUR 700	-	<300	-	-	Hardner based on organic polymer for wood adhesives in combination with Vinavil XT 700, D2 andD3	-	-					**VINADUR 700**

Plywood

PRODUCT	SOLID CONTENT %	VISCOSITY mPa*s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	TMF °C	ASSEMBLY	WOOD FURNITURE	WOOD VENEERING	WOOD LAMINATION	PRODUCT
VINAVIL PW 195	50±2	15000±2000	5.0±0.5	PVAc	In combination with VINADUR 500, it is a 2K adhesive specifically designed for Plywood manufacture	PVOH	19	⬡				**VINAVIL PW 195**

VAE Copolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	Tg °C	WOOD LAMINATION	3D VACUUM FORMING	WOOD LAMINATION /PVC-MDF	PRODUCT
VINAVIL EVA 015	60±1	5500±1500	5.0±0.5	VAE	Excellent rheology, high cold resistance in PVC/wood	PVOH	3	⬡		⬡	**VINAVIL EVA 015**
VINAVIL EVA 2607 L	60±1	4000±1000	5.5±1.0	VAE	High heat resistance, high creep resistance in PVC/wood. High PU compatibility	PVOH	7	⬡	⬡	⬡	**VINAVIL EVA 2607 L**
VINAVIL EVA 2601 L	55±1	8000±2000	4.5±0.5	VAE	Good heat resistance in PVC/wood	PVOH	3	⬡		⬡	**VINAVIL EVA 2601 L**

formaldehyde-free NH_3 ammonia-free

⬡ main use ⬡ possible use

Adhesives product range

SELF-ADHESIVES

Acrylic and Vinyl-Acrylic Polymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	Tg °C	LABELS	SPECIALTY TAPES	PROTECTIVE FILM	REMOVABLE FILMS	PERMANENT ADHESIVES	PRODUCT
CRILAT 2440	66.5±1.5	1250±750	4.5±0.5	VA/Acr	Base polymer for self-adhesive compounds, for paper labels or plastic film application, excellent adhesiveness, low cohesion	S	-40	⬡	⬡			⬡	**CRILAT 2440**
CRILAT 2840	57±1	<500	5.0±0.5	Acr	Base polymer for self-adhesive compounds, for paper labels or plastic film application, good adhesiveness, high cohesion	S	-40	⬡	⬡			⬡	**CRILAT 2840**
CRILAT P2776	60±2	4500±1000	6.0±1.0	Acr	Excellent adhesiveness on LSE (Low Surface Energy materials), good shear resistance, ready to use	S	-35		⬡			⬡	**CRILAT P2776**
CRILAT P2703	52±1	250±150	6.5±0.5	Acr	Excellent adhesion and tack, for general purpose paper labels, ready to use	S	-30	⬡					**CRILAT P2703**
CRILAT P2727	50±1	<300	7.5±0.5	Acr	Permanent for decals, excellent adhesiveness on LSE (Low Surface Energy materials), high plasticizers resistance, ready to use	S	-30		⬡			⬡	**CRILAT P2727**
CRILAT P2744	42±1	300±100	8.0±1.0	Acr	Designed for self-adhesive sticker industry, ready to use	S	-25		⬡	⬡	⬡		**CRILAT P2744**

formaldehyde-free NH_3 ammonia-free

⬡ main use ⬡ possible use

Coatings
product range

EMULSIFYING SYSTEM

PVOH	Poly Vinyl AlcOHol
CD	Cellulose Derivate
S	Surfactant

POLYMER TYPE

PVAc	Poli Vinyl Acetate	Acr	Acrylic
VAE	Vinyl Acetate Ethylene	Acr/PU	Acrylic PolyUrethane
VA/VV	Vinyl Acetate Vinyl Versatate	Sty/Acr	Styrene Acrylic
VA/Acr	Vinyl Acrylic	VA/CR	Vinyl Acetate CRotonic acid
VA/DBM	Vinyl Acetate Di-Butyl Maleate	VA/Acr/VV	Vinyl Acrylic Versatic

POLYMER DISPERSIONS FOR COATINGS

Plasticized Vinyl-Acetate Homopolymer

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	INDOOR PAINTS	WALL PUTTY	PRODUCT
VINAVIL SA 25	55±2	3000±1000	4.5±0.5	PVAc	High PVC paints, wall stucco	CD	0	⬢	⬡	**VINAVIL SA 25**

VAE Copolymers

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	INDOOR PAINTS	OUTDOOR PAINTS	WALL TEXTURED COATINGS	THERMAL INSULATION SYSTEM (ETICS)	INTUMESCENT PAINTS	LOW VOC EMISSION PAINTS	PRODUCT
VINAVIL EVA 4612	52±1	3000±1000	4.5±0.5	VAE	Odourless paints, very low VOC	CD	0	⬢	⬡	⬢		⬡	⬢	**VINAVIL EVA 4612**
VINAVIL EVA 04	50±1	2000±1000	5.8±0.8	VAE	High alkali and chemical resistance	PVOH	2	⬢	⬡	⬢	⬢			**VINAVIL EVA 04**

Vinyl Versatic Copolymers (VEOVA)

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	INDOOR PAINTS	OUTDOOR PAINTS	WALL TEXTURED COATINGS	THERMAL INSULATION SYSTEM (ETICS)	PRIMER	LIME PAINTS	INTUMESCENT PAINTS	GLOSSY WALL PAINTS	LOW VOC EMISSION PAINTS	PRODUCT
VINAVIL 03V	50±1	3500±500	4.5±0.5	VA/VV	Highly versatile, multi-purpose	CD	5	⬢	⬡	⬢		⬡	⬡				**VINAVIL 03V**
VINAVIL 03V/F	50±1	3500±500	4.5±0.5	VA/VV	Highly versatile, multi-purpose, low VOC	CD	5	⬢	⬡	⬢		⬡	⬡			⬡	**VINAVIL 03V/F**
VINAVIL 04V	52±1	2500±1000	5.0±0.5	VA/VV	Low VOC, solvent-free, high performance	CD	5	⬢	⬡	⬢		⬡		⬡		⬢	**VINAVIL 04V**
RAVEMUL PC2 F	51±1	4000±900	4.5±0.5	VA/VV	High hiding power, low VOC	CD	5	⬢	⬡	⬢						⬢	**RAVEMUL PC2 F**
VINAVIL 4528	50±1	<500	5.0±0.5	VA/VV	Highly versatile multi-purpose	S	5	⬢	⬡	⬢		⬡					**VINAVIL 4528**
VINAVIL 4515	50±1	4500±1000	4.5±0.5	VA/VV	Highly versatile multi-purpose	CD	15	⬢	⬡	⬢					⬡	⬡	**VINAVIL 4515**
VINAVIL 4555	55±1	3000±1000	5.0±0.5	VA/VV	Satin paints	CD	13	⬢	⬡	⬢				⬡	⬡		**VINAVIL 4555**
RAVEMUL T33	55±1	3000±1000	4.5±0.5	VA/VV	High blocking resistance	CD	12	⬢	⬢	⬢			⬡		⬢		**RAVEMUL T33**
RAVEMUL T37	50±1	1000±500	4.5±0.5	VA/VV	High alkali and chemical resistance	CD	3	⬢	⬢	⬢	⬢		⬢	⬢			**RAVEMUL T37**

formaldehyde-free

⬢ main use ⬡ possible use

POLYMER DISPERSIONS FOR COATINGS

Acrylic Copolymers

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	Tg °C	PARTICLE SIZE DISTRIBUTION µm	MFFT °C	INDOOR PAINTS	OUTDOOR PAINTS	WALL TEXTURED COATINGS	SATIN/ GLOSSY PAINTS	SILICATE PAINTS AND WALL COATINGS	PRODUCT
VINAVIL 4425 NH3	55±1	1000±500	4.5±0.5	VA/Acr	High abrasion resistance	25	0.30±0.10	7	⬡		⬡			**VINAVIL 4425**
CRILAT 4724	50±1	9000±3000	8.5±0.5	Sty/Acr	Highly versatile, multi-purpose	24	0.11±0.03	15	⬡	⬡	⬡	⬡	⬡	**CRILAT 4724**
CRILAT 4724 AF NH3	50±1	9000±3000	7.5±0.5	Sty/Acr	Multi-purpose, odourless	24	0.11±0.03	20	⬡	⬡	⬡	⬡	⬡	**CRILAT 4724 AF**
CRILAT 4724 L	50±1	2500±1000	7.5±0.5	Sty/Acr	Highly versatile, multi-purpose	26	0.11±0.03	15	⬡	⬡	⬡	⬡	⬡	**CRILAT 4724 L**
CRILAT 4750 NH3	50±1	2000±1000	8.0±0.5	Sty/Acr	Odourless, low VOC, high weathering resistance	10	0.11±0.03	5	⬡	⬡	⬡		⬡	**CRILAT 4750**
CRILAT 4768	50±1	2500±1000	7.5±0.5	Sty/Acr	High water barrier, high weathering resistance	2	0.11±0.03	0	⬡	⬡	⬡			**CRILAT 4768**
CRILAT 4816	50±1	<1000	8.0±0.5	Acr	No coalescing required, low VOC, high weathering resistance	8	0.09±0.03	0	⬡	⬡	⬡		⬡	**CRILAT 4816**
CRILAT 4818	47±1	<200	7.8±0.8	Acr	High color retention, high weathering resistance	18	0.15±0.05	10	⬡	⬡	⬡			**CRILAT 4818**
CRILAT 4821	48±1	<300	8.0±0.5	Acr	Excellent water resistance, high weathering resistance	21	0.15±0.05	10	⬡	⬡	⬡			**CRILAT 4821**
CRILAT 4825 NH3	60±1	<1000	7.5±0.5	Acr	High solids elastomeric paint	-25	0.2±0.04	0		⬡	⬡			**CRILAT 4825**
CRILAT D117 AF NH3	46±1	4000±1500	8.0±1.0	Acr	Decorative paints, good rheological properties	18	0.15±0.05	9	⬡	⬡	⬡			**CRILAT D117 AF**

BIO-Based Acrylic Copolymer

PRODUCT	SOLID CONTENT %"	VISCOSITY mPa*s	pH	POLYMER TYPE	KEY FEATURES	Tg °C	PARTICLE SIZE DISTRIBUTION µm	MFFT °C	INDOOR PAINTS	OUTDOOR PAINTS	WALL TEXTURED COATINGS	SATIN/ GLOSSY PAINTS	BIO - PAINTS	PRODUCT
CRILAT BIO D117 AF NH3	46±1	4000±1500	8.0±1.0	Acr	Decorative paints, good rheological properties	18	0.15±0.05	9	⬡	⬡	⬡	⬡	⬡	**CRILAT BIO D117 AF**

formaldehyde-free NH3 ammonia-free

⬡ main use ⬡ possible use

COATING SPECIALTIES: WOOD, METAL, NANO-SIZE DISPERSIONS

Special Acrylic Copolymers

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	Tg °C	PARTICLE SIZE DISTRIBUTION µm	MFFT °C	ANTI-STAIN INDOOR PAINTS	MICRO-EMULSION FOR PRIMER	OUTDOOR WOOD COATINGS	INDOOR WOOD COATINGS	WOOD IMPREGNATING WOOD STAIN	ENAMELS DIRECT TO-METAL	ANTI-CORROSION BASECOAT	ENAMEL	PRODUCT
CRILAT 4830	46±1	<1000	9.0±0.5	Acr	High gloss, good rheology in application, good weathering resistance	-	0.09±0.03	11			⬡	⬡	⬡	⬡	⬡	⬢	**CRILAT 4830**
CRILAT 7829	44±1	<300	8.0±0.5	Acr	High blocking resistance	-	0.04±0.02	11			⬢		⬢	⬡		⬢	**CRILAT 7829**
CRILAT 7832	44±1	<300	8.0±0.5	Acr	Good flexibility	-	0.04±0.02	0			⬢		⬢			⬢	**CRILAT 7832**
CRILAT 7840	45±1	<200	7.5±0.5	Acr	Good hardness, stain resistance	40	0.10±0.02	40				⬢				⬡	**CRILAT 7840**
CRILAT 8747	45±1	<200	8.0±0.5	Sty/Acr	Excellent adhesion to metals, anti-corrosion properties	50	0.09±0.03	48						⬢	⬢	⬢	**CRILAT 8747**
CRILAT 4815	31±1	<100	7.0±1.0	Acr	High consolidating effect	15	0.03±0.01	5	⬡	⬢			⬢				**CRILAT 4815**
CRILAT 4896	28±1	<100	5.0±1.0	Acr	Cationic emulsifying system	19	0.06±0.01	5	⬢	⬢			⬡				**CRILAT 4896**

formaldehyde-free NH₃ ammonia-free

⬢ main use ⬡ possible use

Building
product range

EMULSIFYING SYSTEM

PVOH	Poly Vinyl AlcOHol
CD	Cellulose Derivate
S	Surfactant

POLYMER TYPE

PVAc	Poli Vinyl Acetate	Acr	Acrylic
VAE	Vinyl Acetate Ethylene	Acr/PU	Acrylic PolyUrethane
VA/VV	Vinyl Acetate Vinyl Versatate	Sty/Acr	Styrene Acrylic
VA/Acr	Vinyl Acrylic	VA/CR	Vinyl Acetate CRotonic acid
VA/DBM	Vinyl Acetate Di-Butyl Maleate	VA/Acr/VV	Vinyl Acrylic Versatic

POLYMER DISPERSIONS FOR BUILDING

Acrylic Copolymers

PRODUCT	SOLID CONTENT %"	VISCOSITY mPa*s	pH	POLYMER TYPE	KEY FEATURES	Tg °C	PARTICLE SIZE DISTRIBUTION µm	MFFT °C	PRIMER	READY MIX BUILDING COMPOUNDS	TILE ADHESIVE IN PASTE	WATERPROOF MEMBRANE mono-component	WATERPROOF MEMBRANE bi-components	HORIZONTAL & VERTICAL SEALER FOR CONCRETE	FLOOR-COATING	PRODUCT
CRILAT 4803 NH3	47±1	<600	9.0±1.0	Acr	Excellent mechanical properties, abrasion resistance	3	0.17±0.03	0		⬡						**CRILAT 4803**
CRILAT 4850	43±1	<200	8.5±0.5	Acr	High chemical & stain resistance, early water resistance	55	0.09±0.01	42						⬡	⬡	**CRILAT 4850**
CRILAT 4723 NH3	49±1	1500±500	7.0±0.5	Sty/Acr	High adhesion, water resistance	25	0.11±0.02	20	⬡	⬡	⬡					**CRILAT 4723**
CRILAT 4724	50±1	9000±3000	8.5±0.5	Sty/Acr	Multi-purpose, high versatility	24	0.11±0.03	15	⬡	⬡	⬡					**CRILAT 4724**
CRILAT 4768	50±1	2500±1000	7.5±0.5	Sty/Acr	High water barrier	2	0.11±0.03	0				⬡				**CRILAT 4768**
CRILAT 4703 NH3	49.5±1.0	5000±2000	7.0±0.5	Sty/Acr	High adhesion, low water absorption	-3	0.13±0.03	0	⬡							**CRILAT 4703**
CRILAT 4707	55.5±1.0	<1000	7.2±0.8	Sty/Acr	High flexibility at low temperature	-6	0.35±0.05	0		⬡		⬡	⬡			**CRILAT 4707**
CRILAT 4712 NH3	52.5±1.0	1000±500	7.0±0.5	Sty/Acr	Good flexibility in combination with cement	-10	0.14±0.02	0		⬡		⬡	⬡			**CRILAT 4712**
CRILAT 4736 NH3	52.5±1.0	<600	7.0±0.5	Sty/Acr	Excellent flexibility in combination with cement	-35	0.17±0.04	0		⬡			⬡			**CRILAT 4736**

Acrylic/Polyurethane Hybrid

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	PARTICLE SIZE DISTRIBUTION µm	MFFT °C	WATERPROOF MEMBRANE mono-component	ROOF COATINGS	PRODUCT
VINAPUR 4702	46±1	2500±1000	8.5±0.5	Acr/PU	High elasticity at low temperatures, excellent water resistance with barrier effect	0.12±0.03	0	⬡	⬡	**VINAPUR 4702**

REDISPERSIBLE POWDER POLYMERS FOR BUILDING

Redispersible Powder Polymers

PRODUCT	ASH CONTENT %	POLYMER TYPE	KEY FEATURES	Tg °C	MFFT °C	TILE ADHESIVES	FLEXIBLE COMPOUNDS	WALL TEXTURED COATINGS	HYDROPHOBIC COMPOUNDS	SELF-LEVELLING COMPOUNDS	THERMAL INSULATION SYSTEM (ETICS)	PRODUCT
VINAVIL 5526	11.5±1.5	VA/VV	High tensile strength	28	15	⬡						**VINAVIL 5526**
VINAVIL 5406 P	11.5±1.5	VA/Acr/VV	Medium flexibility	16	5	⬡	⬡	⬡			⬡	**VINAVIL 5406 P**
VINAVIL E06 PA	11.5±1.5	VAE	Good flexibility	15	0	⬡	⬡	⬡		⬡	⬡	**VINAVIL E06 PA**
VINAVIL 5603 P	11.5±1.5	VAE	High flexibility	-3	0		⬡	⬡			⬡	**VINAVIL 5603 P**
VINAVIL 5603 PB	11.5±1.5	VAE	High flexibility	-6	0		⬡	⬡			⬡	**VINAVIL 5603 PB**
VINAVIL SL11 P	11.5±1.5	VA/VV	Self-levelling	33	16					⬡		**VINAVIL SL11 P**
VINAVIL 5605 HP	11.5±1.5	VAE	Hydrophobic, flexible	-5	0		⬡		⬡		⬡	**VINAVIL 5605 HP**

formaldehyde-free NH3 ammonia-free

⬡ main use ⬡ possible use

Textile
product range

EMULSIFYING SYSTEM

PVOH	Poly Vinyl AlcOHol
CD	Cellulose Derivate
S	Surfactant

POLYMER TYPE

PVAc	Poli Vinyl Acetate	Acr	Acrylic
VAE	Vinyl Acetate Ethylene	Acr/PU	Acrylic PolyUrethane
VA/VV	Vinyl Acetate Vinyl Versatate	Sty/Acr	Styrene Acrylic
VA/Acr	Vinyl Acrylic	VA/CR	Vinyl Acetate CRotonic acid
VA/DBM	Vinyl Acetate Di-Butyl Maleate	VA/Acr/VV	Vinyl Acrylic Versatic

TEXTILE AND WOVEN-NON-WOVEN BINDERS (WNW)

Vinyl Acetate Homopolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	MFFT °C	WNW/WADDING RESIN FINISHING	FLOCKING	FILTRATION	CARPETS	FINISHING FOR TEXTILE PRODUCTS	PRODUCT
RAVEMUL O 13	60±1	3000±1000	4.5±0.5	PVAc	Textile apretto, good filler acceptance, carpet backing	PVOH	14	⬡			⬡	⬡	**RAVEMUL O 13**
VINAVIL SA 55	55±1	5000±2000	4.5±0.5	PVAc	Textile apretto, good filler acceptance, carpet backing	CD	14	⬡	⬡		⬡	⬡	**VINAVIL SA 55**
VINAVIL SA	52±1	2500±1000	4.5±0.5	PVAc	Textile apretto, good filler acceptance, carpet backing	CD	15	⬡	⬡	⬡	⬡	⬡	**VINAVIL SA**
RAVEMUL O 17	50±1	8000±2000	4.5±0.5	PVAc	Leather finishing, stiff promoter for textile finishing	PVOH	14					⬡	**RAVEMUL O 17**
VINAVIL 1150 L	50±1	1500±300	4.8±0.8	PVAc	Textile apretto, stiff, good fiber bonding	PVOH	15			⬡		⬡	**VINAVIL 1150 L**
VINAVIL TN 2	40±1	<1500	4.5±0.5	PVAc	Textile apretto, stiff, good fiber bonding	PVOH	14	⬡		⬡		⬡	**VINAVIL TN 2**

VAE Copolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	Tg °C	NON-WOVEN FIBERS	TEXTILE PRINTING	FLOCKING	CONSOLIDATION OF CARPETS	PRODUCT
VINAVIL EVA 04	50±1	2000±1000	5.8±0.8	VAE	Good balance between elongation and fiber toughness	PVOH	15			⬡	⬡	**VINAVIL EVA 04**
VINAVIL EVA 479 RS	50±1	<900	4.0±0.5	VAE	Very soft hand, crosslinkable	S	-10	⬡	⬡			**VINAVIL EVA 479 RS**
VINAVIL EVA 2604 L	50±2	500±200	5.0±0.5	VAE	Flocking on PS substrates	PVOH	3			⬡		**VINAVIL EVA 2604 L**
VINAVIL EVA 50-R	46±1	<600	3.3±0.3	VAE	Medium hard hand, self crosslinkable	S	-	⬡	⬡			**VINAVIL EVA 50-R**

Acrylic and Vinyl-Acrylic Copolymer Dispersions

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	Tg °C	WNW / ABRASIVE FIBERS	WADDING / WNW	TEXTILE PRINTING	FLOCKING	PRODUCT
CRILAT 1737	50±1	2000±1000	8.0±1.0	Sty/Acr	Medium hard hand, good flexibility	S	-		⬡			**CRILAT 1737**
CRILAT 1815	49±1	<200	8.0±0.5	Acr	Self crosslinkable at RT, soft hand	S	-15		⬡	⬡	⬡	**CRILAT 1815**
CRILAT 1830	46±1	<1000	9.0±0.5	Acr	Self crosslinkable at RT, stiff hand	S	26	⬡	⬡			**CRILAT 1830**
VINAVIL 1439 L	45±1	<400	4.0±0.5	VA/Acr	Good water and solvent resistance	S	48	⬡	⬡			**VINAVIL 1439 L**
VINAVIL HC	45±1	<400	3.0±0.5	VA/Acr	Water and solvent resistance	S	35	⬡	⬡			**VINAVIL HC**
VINAVIL 1411 NF	44±1	<1000	3.3±0.5	VA/Acr	Crosslinkable at 140°C	S	-10		⬡	⬡	⬡	**VINAVIL 1411 NF**
CRILAT FIX 1814	42±2	<100	3.5±0.5	Acr	Cationic resin, soft hand	S	-15			⬡		**CRILAT FIX 1814**

formaldehyde-free NH_3 ammonia-free

⬡ main use ⬡ possible use

Specialties
product range

EMULSIFYING SYSTEM

PVOH	Poly Vinyl AlcOHol
CD	Cellulose Derivate
S	Surfactant

POLYMER TYPE

PVAc	Poli Vinyl Acetate	Acr	Acrylic
VAE	Vinyl Acetate Ethylene	Acr/PU	Acrylic PolyUrethane
VA/VV	Vinyl Acetate Vinyl Versatate	Sty/Acr	Styrene Acrylic
VA/Acr	Vinyl Acrylic	VA/CR	Vinyl Acetate CRotonic acid
VA/DBM	Vinyl Acetate Di-Butyl Maleate	VA/Acr/VV	Vinyl Acrylic Versatic

SPECIALTIES - DISPERSIONS

Vinyl and Maleic Copolymer Dispersions for the Food Industry

PRODUCT	SOLID CONTENT %	VISCOSITY mPa·s	pH	POLYMER TYPE	KEY FEATURES	EMULSIFYING SYSTEM	Tg °C	CHEESE COATING	PROTECTIVE COATING	PRODUCT
VINAVIL 6916	50±2	7000±3000	3.0±0.4	VA/DBM	Cheese coating	PVOH	15	⬡		**VINAVIL 6916**
VINAVIL 6915	45.5±2.0	20000±3000	3.0±0.4	VA/DBM	High gloss cheese coating	PVOH	16	⬡		**VINAVIL 6915**
VINAVIL F 30	30±1	<200	3.5±0.5	PVAc	Protective coating with slow release properties	PVOH	45		⬡	**VINAVIL F 30**
VINAVIL 6925 CD	51±2	2000±1000	3.0±0.4	VA/DBM	Cheese coating	CD	19	⬡		**VINAVIL 6925 CD**

SPECIALTIES - SOLID POLYMERS

Vinyl Acetate & Crotonic Beads

PRODUCT	K VALUE	SOFTENING POINT °C	POLYMER TYPE	WOOD PASTE	HOBBY SOLVENT GLUE	PARQUET SOLVENT-BASED ADHESIVES	SOUND DAMPENING PANELS	HEAT SEALABLE ADHESIVES	COMPOSITE MATERIAL ADDITIVES	SOLVENT-BASED INKS	IWR PROMOTER IN COMBINATION WITH CRILAT 2951 L	HIGH-PERFORMANCE SOLVENT-BASED ADHESIVES	PRODUCT
VINAVIL K 40	40±2	83÷101	PVAc		⬡			⬡		⬡			**VINAVIL K 40**
VINAVIL K 50	50±3	100÷119	PVAc		⬡			⬡		⬡		⬡	**VINAVIL K 50**
VINAVIL K 60	62±3	145÷165	PVAc		⬡	⬡	⬡						**VINAVIL K 60**
VINAVIL K 115	118±5	-	PVAc	⬡								⬡	**VINAVIL K 115**
VINAFLEX CR 25	43±2	-	VA/CR						⬡				**VINAFLEX CR 25**
VINAFLEX CR 50	50±1	-	VA/CR						⬡				**VINAFLEX CR 50**
VINAFLEX CR 95	30±2	-	VA/CR								⬡		**VINAFLEX CR 95**

Vinyl Acetate Homopolymers for the Food Industry

PRODUCT	K VALUE	AVERAGE MOLECULAR WEIGHT M_w dalton	ACETIC ACID (ppm)	RESIDUAL MONOMER (ppm)	PHYSICAL ASPECT	LOW MOLECULAR WEIGHT	MEDIUM MOLECULAR WEIGHT	MEDIUM / HIGH MOLECULAR WEIGHT	HIGH MOLECULAR WEIGHT	GUM BASE FOR CHEWING GUM	PRODUCT
RAVIFLEX BL 0,5S - A	18±1	9000÷13000	<500	<2	Pastilles	⬡				⬡	**RAVIFLEX BL 0,5S - A**
RAVIFLEX BL 1S - A	20±1	11000÷15000	<500	<2	Block & Pastilles	⬡				⬡	**RAVIFLEX BL 1S - A**
RAVIFLEX BL 5S - A	26±1	22000÷30000	<500	<2	Pastilles		⬡			⬡	**RAVIFLEX BL 5S - A**
RAVIFLEX BL 6S - A	31±2	35000÷45000	<500	<2	Pastilles			⬡		⬡	**RAVIFLEX BL 6S - A**
RAVIFLEX BL 7S - A	33±2	45000÷55000	<500	<2	Pastilles				⬡	⬡	**RAVIFLEX BL 7S - A**
RAVIFLEX BL 7,5S - A	35±1	50000÷65000	<500	<2	Pastilles				⬡	⬡	**RAVIFLEX BL 7,5S - A**

⬡ main use ⬡ possible use

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VINAVIL®

HEAD OFFICE:

VINAVIL S.p.A.
Via Valtellina, 63 | 20159 Milan
ITALY
Tel. +39 02695541
Fax +39 0269554890

OTHER LOCATIONS:

VINAVIL AMERICAS
Deerfield Beach (Miami) FL | U.S.A.
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