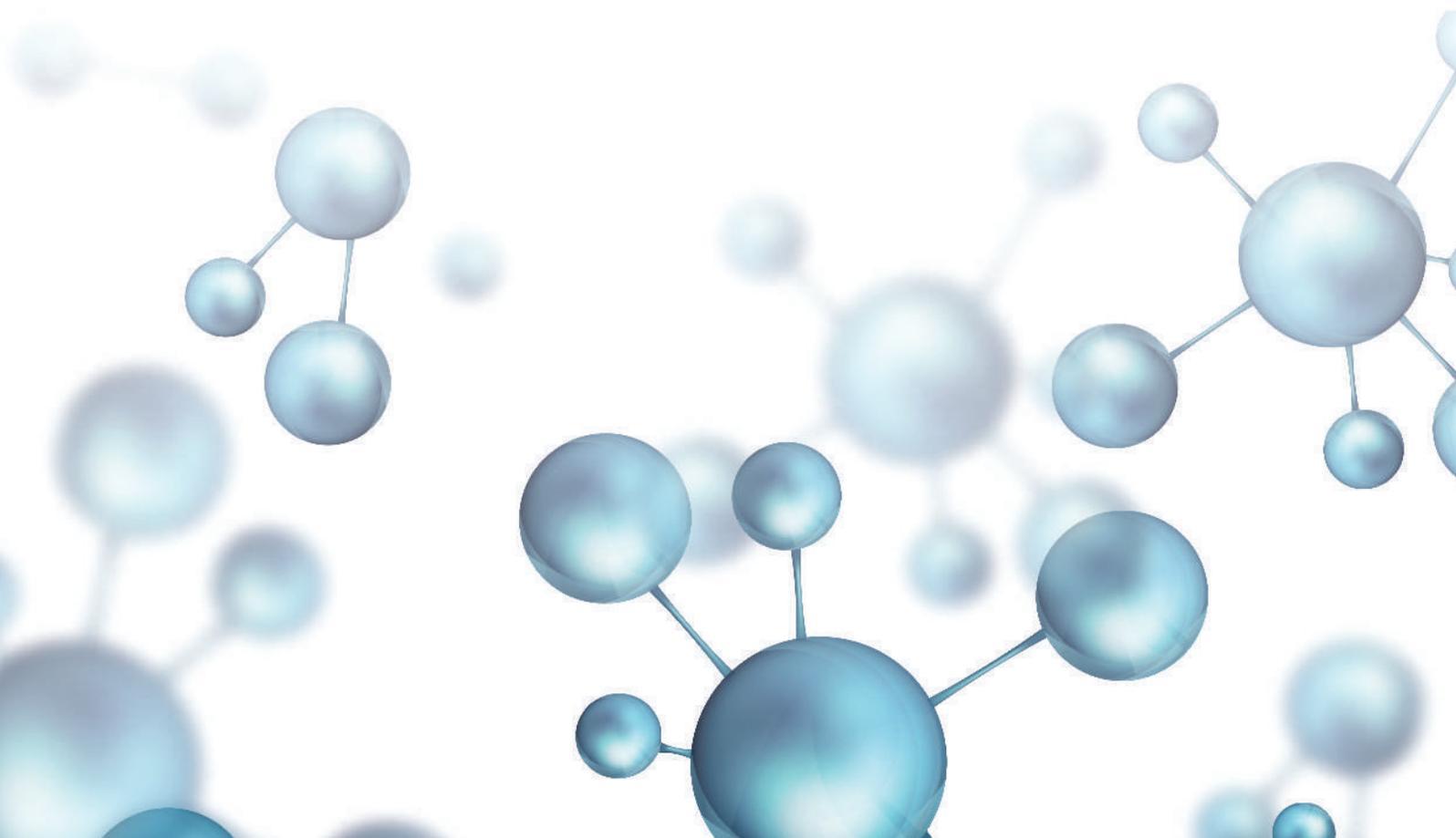




water based polymer emulsion technology





**The raw material of good quality, high inventory capacity  
wide range of products, professional staff  
modern facility, perfect manufacturing,  
fast and easy export**

#### HISTORY / ESTABLISHMENT

Akripol Kimya, a manufacturer of “Water-Based Polymer Emulsions and Synthetic Thickeners” with more than 35 years of fund of knowledge and experience in the chemical industry, started its operation in Cerkezkoey Organized Industrial Zone in 2011 by almost shining like a star over Turkish chemical industry. Following the principle that “every factory is a castle”, Akripol Kimya has become one of the few companies in our country that produce water-based polymer emulsions and synthetic thickeners on the front line of our industry with the new factory investment completed with its own resources in Tekirdag Velimese Organized Industrial Zone in 2020.

#### INTRODUCTION TO THE FACTORY

Akripol Kimya is one of the leading water-based polymer emulsion producers in Europe with its high capacity, reactors with fully automated systems, efficient use of energy, advanced technology, modern laboratories, quality control department, experienced engineer team, an annual production capacity of 120000 tons, 1500 tons of raw material, and 4000 tons of finished product inventory capacity. Akripol Kimya, which always prioritizes the quality of manufacturing and the value it offers to its customers, acts with a visionary perspective, the principles of quality management, sustainable environmental awareness, and an approach to production according to international standards, and has all the required quality certificates.

**sinapol<sup>®</sup>**

**acryprint<sup>®</sup>**

**acrypol<sup>®</sup>**

## OUR PRODUCTS

In its product portfolio manufactured by its experienced team with an innovative vision by using modern technology; Akripol Kimya finds solutions for various industries, especially for the Dyeing, Building and Construction Chemicals, Textile and Coating Industry, Label and Tape Industry, Paper and Packaging Industries. The products are used as the main raw material for products manufactured by customers in the sector and thus are treated with the utmost care. All stages of the production process are meticulously monitored with a fully automated system and production is continuously realized at a consistent quality.

## OUR MARKETS

Akripol Kimya has delivered its products to more than 30 countries in many regions of the world with its success in export markets since its establishment and has become one of the leading companies in the Turkish Chemical Industry abroad as well as at home. With its wide range of products, quality of production, fast procurement, and sustainability of customer satisfaction, Akripol Kimya is constantly growing with the aim of being the best in the domestic market and exporting in the industry.

## R&D and QUALITY & CONTROL

Akripol Kimya, which pioneers the industry with its technological investment continuity, R&D innovation, and flawless production, conducts detailed tests of both pre-production raw materials and manufactured products with its expert experienced staff and always aims for quality. In addition to providing high and reliable solutions in the industry, it also offers project-based solutions suitable for the needs by cooperating for joint business development.

## THE FUTURE

Akripol Kimya will continue to be one of the leading companies in the industry by closely following the technological developments, needs of the industry, continuously developing product range in line with the age of innovation, production at high standards, pursuing the right strategy, and planned growth.



# PAINT

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % ± 1.0	pH ± 1.0	VISCOSITY (cps)	Tg °C	MFFT °C
SINAPOL SPC 500	S/AC	Universal styrene acrylic binder for architectural coatings, textured finishes, interior & exterior paints, exterior insulation and finishing systems (EIFS) and primers	50	8	9.000-14.000	19	16
SINAPOL SPC 577	S/AC	General purpose paint binder with fine particle size and excellent coating characteristic which is developed for exterior interior paints, texturized coatings and high PVC paints	50	8	8.000-14.000	20	15
SINAPOL SPC 605	S/AC	Medium viscosity binder with excellent binding capacity for architectural coatings, textured finishes, interior & exterior paints, exterior insulation and finishing systems (EIFS) and primers	50	8	Max. 1.000	19	16
SINAPOL SPC 650	S/AC	Low temperature film forming binder for exterior & interior paints, texturized coatings and high PVC paints	50	8	7.000-14.000	4	< 0
SINAPOL SPC 676 AF	S/AC	Ammonia free anionic styrene acrylic dispersion that is developed to be used in low VOC emission interior and exterior paints, primers, exterior insulation and finishing systems (EIFS).	50	8	100-1.500	23	18
SINAPOL SPC 746	S/AC	Silanated low temperature film forming binder for low VOC application with excellent water resistance properties	50	8	2.000-5.000	23	10
SINAPOL SPC 758	S/AC	Silanated elastic binder	50	8	4.000-8.000	-8	< 0
SINAPOL SPC 067	S/AC	Ammonia free low VOC styrene acrylic binder for interior&exterior paints and silicate paints	50	8	500-2.000	2	< 0
SINAPOL SPC 202	S/AC	Universal binder with high scrub and high UV resistance properties for interior&exterior coatings	50	8	1.000-6.000	30	14
SINAPOL SPC 523	S/AC	Low temperature film forming binder for low VOC paints and coatings	50	8	2.000-5.000	23	10
SINAPOL SPC 655	S/AC	High solid elastic acrylic binder for interior & exterior paints and coatings	55	8	6.500-9.000	-3	< 0
SINAPOL SPC 035	S/AC	Elastic acrylic binder for architectural coatings, textured finishes, interior & exterior paints, exterior insulation and finishing systems (EIFS) and primers	50	8	7.000-14.000	0	< 0
SINAPOL APC 512	P/AC	Acrylic binder with excellent UV resistance for exterior and interior paints and coatings	50	8	Max. 3.000	22	15
SINAPOL APC 524	P/AC	Acrylic binder with excellent glass and UV resistance for exterior and interior paints and coatings	50	8	Max. 3.000	21	14
SINAPOL APC 450 R	P/AC	High viscosity acrylic binder with excellent UV resistance for exterior and interior paints and coatings	50	8	3.000-9.000	16	11
SINAPOL APC 548	P/AC	Binder for good blushing resistance, hydrophobicity and broad formulation latitude	48	8	Max. 1.000	20	17
SINAPOL APC 423	P/AC	Midium hard acrylic binder for semi gloss to gloss paints and coatings	46	8	Max. 500	17	8
SINAPOL APC 445	P/AC	cross-linked acrylic binder for high gloss, high scrub, high UV resistance paints and wood coating with excellent hardness property.	45	9	Max. 500	31	27
SINAPOL APC 553	P/AC	Fast drying acrylic binder for water based traffic marking paints	53	10	Max. 1.000	35	30
SINAPOL APC 506 CS	P/AC	Cross-linked acrylic binder for paints and coatings with excellent block resistance	46	8	Max. 500	n/a	10
SINAPOL APC 586	P/AC	Acrylic binder for direct to metal (DTM) finishes and topcoats with excellent gloss properties	45	8	Max. 500	39	31
ACRYPAC OP 202	AC	Polymer for paint application and performance improvements, lowers the consumption of TiO2 and reduces the cost of all types of water based application formulations	30	8	Max. 1.000	n/a	n/a



# PAINT

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % $\pm$ 1.0	pH $\pm$ 1.0	VISCOSITY (cps)	Tg °C	MFFT °C
SINAPOL VPC 207	V/AC	General purpose paint binder for ceiling paints, interior paints, semi brilliant paints and primers	50	3	1.000-5.000	16	10
SINAPOL VPC 252	V/AC	General purpose paint binder for ceiling paints, interior paints, semi brilliant paints and primers	52	3	2.000-5.000	16	10
SINAPOL VPC 255	V/AC	High solid general purpose acrylic paint binder for ceiling paints, interior paints, semi brilliant paints and primers	55	3	2.000-5.000	16	10
SINAPOL VPC 208	V/AC	High solid general purpose acrylic paint binder for ceiling paints, interior paints, semi brilliant paints and primers	58	3	2.000-5.000	16	8
SINAPOL VPC 311 HW	V/AC	High viscosity general purpose acrylic paint binder for ceiling paints, interior paints, semi brilliant paints and primers	50	3	4.000-8.000	16	8

# DISPERSING AGENT

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % $\pm$ 1.0	pH $\pm$ 1.0	VISCOSITY (cps)
SINAPOL DR 340	AC	Polyacrylate sodium salt with excellent dispersing properties	40	6.5-7	Max. 1.000
SINAPOL DR 370	AC	Polyacrylate ammonium salt with excellent dispersing properties	35	6.5-7	Max. 1.000
SINAPOL DR 345	AC	Polyacrylate sodium salt with excellent dispersing properties	45	6.5-7	Max. 5.000
SINAPOL DR 375	AC	Polyacrylate ammonium salt with excellent dispersing properties	45	6.5-7	Max. 1.000

# RHEOLOGY MODIFIERS

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % $\pm$ 1.0	pH $\pm$ 1.0	VISCOSITY (cps)
SINAPOL ATC 460	AC	Anionic Alkali-Swellable (ASE) Thickening Agent for Interior & Exterior Paints and Latex Coatings	28	3	Max. 500
SINAPOL HC 60	AC	Anionic Hydrophobically-Modified Alkali-Swellable (HASE) Thickening Agent for Interior & Exterior Paints and Latex Coatings.	28	3	Max. 500
SINAPOL HC 935	AC	Mid Shear Anionic Hydrophobically-Modified Alkali-Swellable (HASE) Thickening Agent for Interior & Exterior Paints and Latex Coatings.	30	3	Max. 500
SINAPOL PUR 30	HEUR	Hydrophobically modified polyurethane (HEUR) thickener, providing excellent flow & leveling, and high thickening efficiency for interior & exterior paints	30	3	5.000-15.000



# CONSTRUCTION

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % ± 1.0	pH ± 1.0	VISCOSITY (cps)	Tg °C	MFFT °C
SINAPOL SPC 717	S/AC	Binder for deep penetrating primers and universal primers for mineral based surfaces such as concrete, brick, drywall, gypsum and cement-lime plaster	34	8	Max. 200	12	0
SINAPOL SPC 622	S/AC	Plastizier free binder for broad applications, including sealants & masitc waterproofing, EIFS adhesives and primers	50	8	6.500-9.000	-4	< 0
SINAPOL SPC 625	S/AC	Plastizier free binder for broad applications, including sealants & masitc waterproofing, EIFS adhesives and primers	50	8	6.500-9.000	-8	< 0
SINAPOL SPC 638	S/AC	2-Compenent styrene acrylic binder for use in cementitious waterproofing membranes and flexible mortars	57	7	Max. 1200	-8	< 0
SINAPOL SPC 632	S/AC	2-Compenent high elastic styrene acrylic binder for use in cementitious waterproofing membranes and flexible mortars	57	7	Max. 2000	-23	< 0

SINAPOL SPC 660	S/AC	High solid 2-Compenent styrene acrylic binder for use in cementitious waterproofing membranes and flexible mortars	60	7	Max. 1200	-8	< 0
SINAPOL SPC 065	S/AC	Styrene acrylic binder with excellent adhesive properties for coatings and sealants	65	5	Max. 1000	-35	< 0
SINAPOL SPC 758	S/AC	Silanetad flexible water repellent binder for construction applications such as moisture barrier coatings and roof coatings	50	8	4.000-8.000	-8	< 0
SINAPOL SPC 750 E	S/AC	Styrene acrylic binder for cementitious waterproofing membranes, EIFS basecoats, flexible mortars and tile adhesives	50	4	Max. 500	-36	< 0
SINAPOL SPC 627	S/AC	Universal elastic binder for exterior & interior paints and construction applications	50	8	7.000-13.000	0	< 0



SINAPOL APC 511	P/AC	All acrylic midium elastic binder for interior&exterior mosaic plasters	50	8	1.000-4.000	11	3
SINAPOL APC 092 CS	P/AC	All acrylic binder for interior&exterior mosaic plasters	50	8	Max. 5.000	25	15
SINAPOL APC 548	P/AC	Hydrophobic binder with excellent blushing resistance for marble stone finishes, architectural coatings, textured finishes, exterior insulation and finishing systems (EIFS) and wood coatings	48	8	Max. 500	22	17
SINAPOL APC 495	P/AC	All acrylic binder for elastomeric coatings, caulks and transperent sealants	50	8	5.000-10.000	3	< 0
SINAPOL APC 888	P/AC	High performance acrylic for elastomeric roof and wall coatings with superior tensile strength, elongation & weatherability and excellent dirt pick up resistance	60	8	Max. 1.000	-28	< 0
SINAPOL APC 447 CM	P/AC	All acrylic cement modifier for both sprayable and patching mortar applications like exterior insulation and finish systems (EIFS) basecoats, adhesives and sprayable stucco-type coatings	47	9	Max. 500	n/a	< 3
SINAPOL PA 5050	A/AC	All acrylic binder for PVC and flooring adhesive	50	4	Max. 500	-40	< 0



## SPECIAL PURPOSE ADHESIVE

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % ± 1.0	pH ± 1.0	VISCOSITY (cps)	Tg °C	MFFT °C
SINAPOL APT 105	PVA/VA	Multipurpose adhesive for textile, wood and coatings	40	n/a	25.000-30.000	30	15
SINAPOL APT 105 WS	PVA/VA	Low MFFT multipurpose adhesive for textile, wood and coatings	40	n/a	25.000-30.000	30	< 0
SINAPOL APT 115	PVA/VA	Multipurpose adhesive for textile, wood and coatings	45	n/a	25.000-30.000	30	15
SINAPOL APT 115 WS	PVA/VA	Low MFFT multipurpose adhesive for textile, wood and coatings	45	n/a	25.000-30.000	30	< 0
SINAPOL APT 125	PVA/VA	Multipurpose adhesive for textile, wood and coatings	50	n/a	5.000-12.000	30	15
SINAPOL APT 125 WS	PVA/VA	High viscosity low MFFT multipurpose adhesive for textile, wood and coatings	50	n/a	25.000-30.000	30	< 0
SINAPOL APT 125 HW	PVA/VA	High viscosity multipurpose adhesive for textile, wood and coatings	50	n/a	25.000-50.000	30	15
SINAPOL APT 135	PVA/VA	High solid multipurpose adhesive for textile, wood and coatings	60	n/a	30.000-40.000	30	15



## PRESSURE SENSITIVE ADHESIVE

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % ± 1.0	pH ± 1.0	VISCOSITY (cps)	Tg °C	MFFT °C
SINAPOL PA 406	A/AC	excellent peeling and shearing effect with strong loop tack adhesive for BOPP applications	60	7-7.5	Max. 1.000	-42	< 0
SINAPOL PA 265	A/AC	water based no noise acrylic adhesive for BOPP tapes and labeling	65	4-7	Max. 1.000	-35	< 0
SINAPOL PA 507	A/AC	excellent peeling and shearing effect with strong loop tack adhesive for BOPP applications	55	8	Max. 500	-46	< 0
SINAPOL PA 560	A/AC	excellent peeling and shearing effect with strong loop tack adhesive for BOPP applications	60	7	Max. 1.000	-30	< 0
SINAPOL PA 010	A/AC	excellent peeling and shearing effect with strong loop tack adhesive for BOPP applications	60	3-7	Max. 1.000	-44	< 0



# DETERGENT

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % ± 1.0	pH ± 1.0	VISCOSITY (cps)
SINAPOL DR 370	AC	Polyacrylate ammonium salt with excellent dispersing properties.	35	6.5-7	Max. 1.000
SINAPOL DR 340	AC	Polyacrylate sodium salt with excellent dispersing properties.	40	6.5-7	Max. 1.000
SINAPOL DR 345	AC	Polyacrylate sodium salt with excellent dispersing properties.	45	6.5-7	Max. 5.000
SINAPOL DR 375	AC	Polyacrylate ammonium salt with excellent dispersing properties.	45	6.5-7	Max. 1.000
SINAPOL DR 05	MA/AA	Maleic acid-acrylic acid copolymer sodium salt for inhibition incrustation and scale formation in detergent industry	40	8	Max. 5.000
SINAPOL DR 030	AA	Acrylic acid homopolymer sodium salt for inhibition incrustation and scale formation in detergent industry	45	8	Max. 5.000



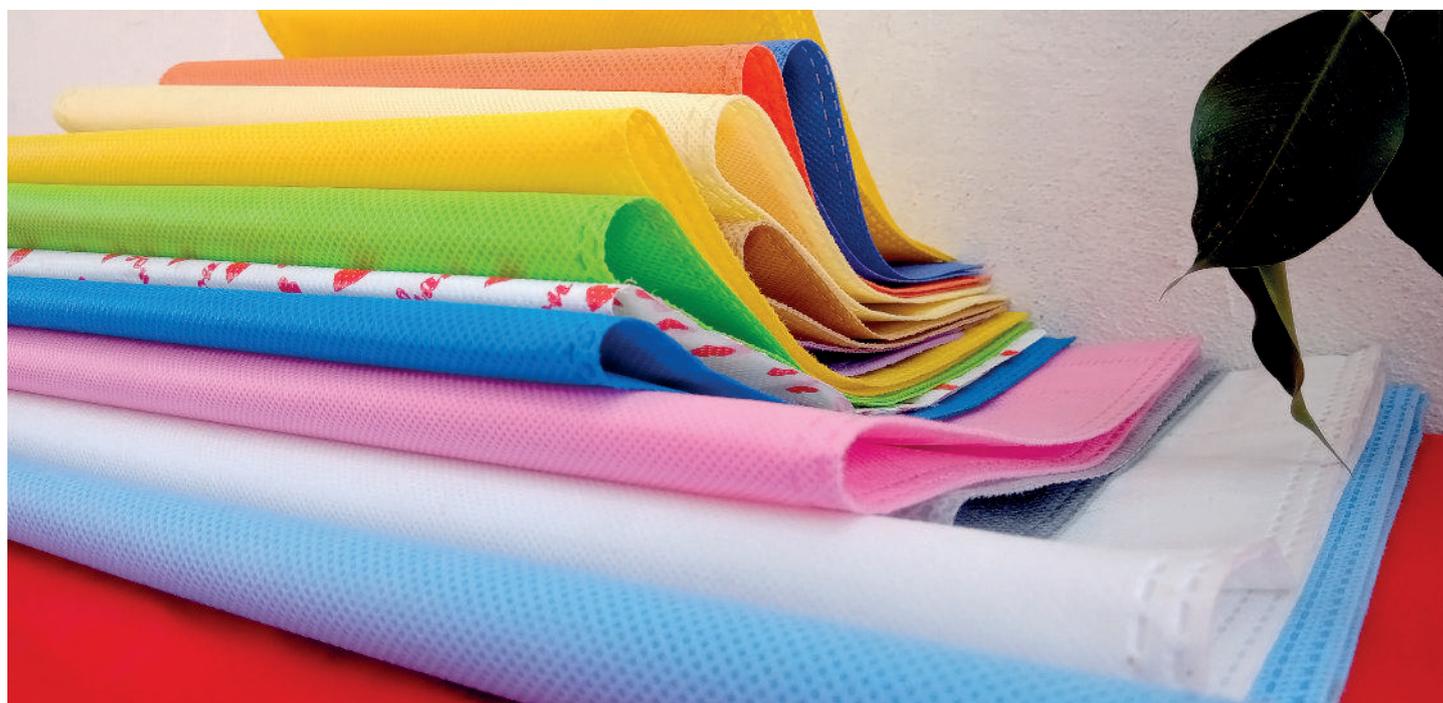
# CARPET BACKCOATING

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % ± 1.0	pH ± 1.0	VISCOSITY (cps)	Tg °C	MFFT °C
SINAPOL VNC 648 HL	V/AC	Hard handle acrylic binder for carpet back coating	48	3	Max. 500	30	20
SINAPOL ATC 490 HL	V/AC	Soft handle acrylic binder for carpet back coating with excellent block resistance	45	3	Max. 1000	-30	< 0
SINAPOL VNC 6050 HL	V/AC	High solid acrylic binder for carpet back coating	50	3	Max. 500	30	20
SINAPOL SBR 066	***	Special terpolymer for carpet back coating and non-woven	50	8	Max. 3000	n/a	10



# NON-WOVEN

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % ± 1.0	pH ± 1.0	VISCOSITY (cps)	Tg °C	MFFT °C
SINAPOL NC 920	V/AC	Self-crosslinking Acrylic Copolymer Dispersion for Nonwovens	50	5	50-700	0	< 0
SINAPOL NC 924 FF	V/AC	Self-crosslinking Acrylic Copolymer Dispersion for Nonwovens	50	5	50-500	0	< 0
SINAPOL VTC 403	V/AC	Acrylic binder with hard-flexible character for wadding and Non-woven felt applications	44	3	Max. 500	27	13
SINAPOL VNC 58	V/AC	Self-crosslinking Acrylic Copolymer Dispersion for nonwovens & flocking	44	3	Max. 500	27	13
SINAPOL ATC 402	A/AC	Flocking, non-woven and coating binder with soft and flexible character	45	3	Max. 1.000	-23	< 0
SINAPOL ATC 407	A/AC	Flocking, non-woven and coating binder with hard handling	45	3	Max. 500	34	29
SINAPOL STC 765	S/AC	Hard textile binder with high filler acceptance and high binding effect	44	8	Max. 500	31	29
SINAPOL SH 905	S/AC	Self-crosslinking Acrylic Copolymer Dispersion for Nonwovens and formable non-wovens	45	8	Max. 500	45	35
SINAPOL FL 010	A/AC	Flocking, non-woven and coating binder with soft and flexible character	50	5	Max. 1.000	-11	< 0
SINAPOL FL 520	A/AC	Flocking, non-woven and coating binder with soft and flexible character	45	3	50-500	-27	< 0
SINAPOL FL 501	A/AC	Soft handling binder for textile applications	45	3	20-400	-6	< 0
SINAPOL SBR 066	***	Special terpolymer for carpet back coating and non-woven	50	8	Max. 3.000	n/a	10



# TEXTILE

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	SOLID CONTENT % ± 1.0	pH ± 1.0	VISCOSITY (cps)	Tg °C	MFFT °C
SINAPOL STC 765	S/AC	Hard textile binder with filler acceptance and high binding effect	44	8	Max. 500	31	29
SINAPOL STC 915	S/AC	Pigment printing binder with high fastness properties with soft handling	50	8	Max. 1000	-21	< 0
SINAPOL STC 910	S/AC	Pigment printing binder with high fastness properties with soft handling	40	8	Max. 500	-14	< 0
SINAPOL STC 533	S/AC	Pigment printing binder with high fastness properties with soft handling	33	7	Max. 500	-15	< 0
SINAPOL STC 024	S/AC	Pigment printing binder with soft handling	40	8	Max. 500	-14	< 0
SINAPOL STC 418	S/AC	Pigment printing binder with high fastness properties with soft handling	40	8	Max. 500	-7	< 0
SINAPOL STC 270 MW	S/AC	Styrene acrylic binder for matwise applications	50	8	Max. 1.000	-15	< 0
SINAPOL VTC 405	V/AC	High solid pigment printing binder with medium soft handling	50	5	Max. 1.000	-4	< 0
SINAPOL VTC 440	V/AC	Pigment printing binder with medium soft handling	40	5	Max. 1.000	-3	< 0
SINAPOL ATC 401	P/AC	Pigment printing binder with soft handling	40	3	Max. 1.000	-19	< 0
SINAPOL ATC 580	P/AC	Pigment printing binder with very soft handling	40	3	Max. 1.000	-27	< 0
SINAPOL ATC 402 FF	P/AC	Soft handle acrylic binder for textile coating	45	3	Max. 1.000	-23	< 0
SINAPOL ATC 407 FF	P/AC	Hard handle acrylic binder for textile coating	45	3	Max. 500	34	29

# SYNTHETIC THICKENERS

PRODUCT NAME	CHEMICAL STRUCTURE	APPLICATION FIELD	pH ± 1.0
ACRYPRINT PT 700	Polyacrylate inverse emulsion	Pigment printing thickener which has high concentration and high color efficiency and high electrochemical stability	6
ACRYPRINT RT 800 WE	Polyacrylate inverse emulsion	Reactive printing thickener which has high concentration and high color efficiency and high electrochemical stability	6
ACRYPRINT RT 800	Polyacrylate inverse emulsion	Reactive printing thickener which has high concentration and high color efficiency and high electrochemical stability	6
ACRYPRINT DT 900	Polyacrylate inverse emulsion	Disperse printing thickener which has high concentration and high color efficiency and high electrochemical stability	6
ACRYPRINT NF	Polyacrylate inverse emulsion	Neutralized pigment printing thickener which has high concentration and high color efficiency and high electrochemical stability	7





Production quality,  
Visionary perspective,  
Quality management principles,  
Sustainable environmental awareness,  
Production according to international standards...





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