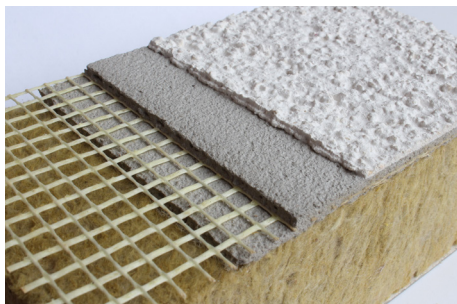


Dispersions Textiles and Fiber Bonding

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Textiles & Fiber Bonding Dispersions



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Product Name	Applications								Properties	Emulsion Properties *					Product Name
	Automotive Gaskets	Abrasives	Coated Fabric / Woven	Footwear	Glass EIFS	Hygiene & Wipes / Nonwovens	PES Roofing	Technical Fibre		Self-crosslinking	Total Solid Content [%]	pH Value	Viscosity [mPa.s]	Glass Transition Temperature Tg [°C]	
Carboxylated Styrene Butadiene													Carboxylated Styrene Butadiene		
GENFLO™ 576					○			●	General purpose, excellent film forming features, dry pick resistance, high tensile strength	Yes	50	5.8	<200	-2	GENFLO™ 576
GENFLO™ 3060					○			●	Medium to stiff hand feel, high tensile strength, excellent adhesion, good resiliency properties	Yes	50	8.5	<200	20	GENFLO™ 3060
GENFLO™ 8045			○					●	Stiff, high tensile strength and water resistance	Yes	51	6.5	<150	54	GENFLO™ 8045
LITEX™ AlkaShield 1543								●	Medium stiff, good alkaline resistance and good runability	Yes	50	8.5	<500	8	LITEX™ AlkaShield 1543
LITEX™ QuickShield 1545								●	Medium stiff, formaldehyde-free, low VOC, good alkaline resistance, high efficiency, fast drying	No	50	7.5	<300	5	LITEX™ QuickShield 1545
LITEX™ S 7140		○		●				○	Multi purpose stiffening component, thermomoldable	No	51	8.0	<300	48	LITEX™ S 7140
LITEX™ S 9076		○			●			○	Very soft, tack free, good alkaline resistance and runability	Yes	47	9.3	<300	-44	LITEX™ S 9076
LITEX™ SBV 600								●	Stiff, high Thermo Dimension stability, compatible with thermoset resins	Yes	50	7.5	<500	31	LITEX™ SBV 600
LITEX™ SkyShield 4685								●	Very stiff, excellent Thermo Dimension stability, formaldehyde free, 1 K System, fast drying	Yes	50	6.5	<500	37	LITEX™ SkyShield 4685
Carboxylated Acrylonitrile Butadiene													Carboxylated Acrylonitrile Butadiene		
LITEX™ N 2418	●								Non-Carboxylated butadiene-acrylonitrile copolymer with high acrylonitrile level	No	40	10.0	<100	-18	LITEX™ N 2418
LITEX™ N 2445	●							●	Designed for beater addition, high oil/fuel resistance	No	41	9.0	<100	-15	LITEX™ N 2445
LITEX™ NX 1200		○		●				○	Very soft, high wash and abrasion resistance, for nonwovens, wipes, overprint	Yes	45	7.5	<100	-35	LITEX™ NX 1200
LITEX™ NX 2500								●	Stiff, high tensile strength, good tear strength and excellent dimensional stability at elevated temperature	Yes	43	6.5	<100	34	LITEX™ NX 2500

* Data describes typical properties - not product specifications

- Recommended applications
- Suitable applications

Textiles & Fiber Bonding Dispersions



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Product Name	Applications					Properties	Emulsion Properties *					Product Name
	Coated Fabric / Woven	Decorative Laminates	Hygiene & Wipes / Nonwoven	PES Roofing	Technical Fibre		Self-crosslinking	Total Solid Content [%]	pH Value	Viscosity [mPa.s]	Glass Transition Temperature Tg [°C]	
Vinyl Acetate Homopolymer and Copolymer												
SUNBOND™ 140 N			●		○	Soft hand feel with excellent binding properties, improves wet strength, nonionic for easy formulation	No	40	4.0	<250	5	SUNBOND™ 140 N
SUNBOND™ 939			●		○	Excellent adhesion to a variety of fibers and inorganic particles. High tensile strength, excellent wet and dry strength	No	50	6.5	<150	30	SUNBOND™ 939
SYNTHEBOND™ RW-42 ND					●	Stiff, non-yellowing at elevated temperatures, excellent mechanical and shear stability, durable to washing and dry cleaning	Yes	45	4.0	<275	30	SYNTHEBOND™ RW-42 ND
Pure Acrylic												
OMNAPEL™ 3158			●			Permanent water resistance, excellent color stability, and good UV resistance	No	45	7.3	<150	20	OMNAPEL™ 3158
PLEXTOL™ BV 411	○	●				Soft, good wet and dry cleaning resistance, waddings and interlinings, plastisizer for thermoset resins	Yes	50	2.5	<3,500	1	PLEXTOL™ BV 411
PLEXTOL™ DV 544	○	●				Stiff, decorative papers for surfaces and edges, block resistance, excellent printability	No	50	8.4	<1,500	31	PLEXTOL™ DV 544
SYNTHEBOND™ AC 112	●					A soft hand, self cross-linking acrylic based emulsion, can be foamed for back coating applications	Yes	50	4.0	<800	-12	SYNTHEBOND™ AC 112
SYNTHEBOND™ AC 131	●					A self cross linking acrylic based emulsion, designed for use as a soft hand finish on a variety of substrates	Yes	45	2.5	<200	-30	SYNTHEBOND™ AC 131
SYNTHEBOND™ AC 236	●				○	Stiff, self cross linking acrylic based emulsion, designed for use as a firm hand finish on variety of substrates	Yes	45	2.8	<200	30	SYNTHEBOND™ AC 236
SYNTHEBOND™ AC 1878	●					Provides excellent adhesion to fiber, inorganic particles and pigments, improves fold endurance, and wash durability	Yes	60	5.0	<420	-4	SYNTHEBOND™ AC 1878
SYNTHEBOND™ AC 61192			○		●	Designed for soft fabric, wet & dry cleaning resistance, excellent printability, improves seam slippage	Yes	43	5.0	<30	-12	SYNTHEBOND™ AC 61192
Styrene Acrylic												
REVACRYL™ Design 1425	○	●				Designed for soft and smooth surface, formaldehyde-free, hydrophobic	Yes	50	8.5	<5,500	-15	REVACRYL™ Design 1425
REVACRYL™ Design 1690	○	●				Designed for stiff and smooth surface, formaldehyde-free, very hydrophobic	Yes	50	6.0	<2,200	38	REVACRYL™ Design 1690
SYNTHEBOND™ SA 114	●					Medium hand, heat sealable, general purpose coating and fabric finishing binder	No	44	7.0	500	-10	SYNTHEBOND™ SA 114
SYNTHEBOND™ SA 126	●					High solids, self-crosslinking, soft polymer with very good water resistance	Yes	63	7.0	1,000	-26	SYNTHEBOND™ SA 126
SYNTHEBOND™ SA 134	●					Soft emulsion, general purpose textile back-coating and fabric finishing binder, internal cross-linking, good wash and dry clean durability, very good water resistance	Yes	50	6.5	600	-20	SYNTHEBOND™ SA 134
SYNTHEBOND™ SA 223	●					Firm hand finish on a variety of substrates, firm film while maintaining satisfactory flexibility, non-cracking properties	No	50	4.0	<500	23	SYNTHEBOND™ SA 223
SYNTHEBOND™ SA 4096 D	●		●			Soft hand, fast curing, durable to washing and dry cleaning	Yes	50	6.0	<700	-11	SYNTHEBOND™ SA 4096 D

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- Recommended applications
- Suitable applications

Textiles & Fiber Bonding Dispersions



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Product Name	Applications									Properties	Emulsion Properties *					Product Name
	Abrasives	Coated Fabric / Woven	Finishing Treatments	Footwear	Glass EIFS	Hygiene & Wipes / Nonwovens	Sizing	Technical Fibre	Thickener		Self-crosslinking	Total Solid Content [%]	pH Value	Viscosity [mPa.s]	Glass Transition Temperature Tg [°C]	
Acrylonitrile Styrene Butadiene																
ACRALEN™ SNX 7675	●							○		Stiff, designed for abrasive impregnation and coatings, outstanding heat and chemical resistance	Yes	50	7.5	<500	35	ACRALEN™ SNX 7675
Polychloroprene																
LIPREN™ MKB				●						Very soft, medium crystallisation, flame retardant, rubbery, high elongation	No	58	13.0	<120	-40	LIPREN™ MKB
Additives																
MYKON™ HLC			●			○		○		High density polyethylene lubricant, improves abrasion resistance and tear strength	-	40	9.0	<700	-	MYKON™ HLC
SEQUAPEL™ 409			●			○		○		Sizing agent, excellent water repellency and holdout property, high stability over wide range of temperature	No	40	9.0	<45	-	SEQUAPEL™ 409
SEQUAPEL™ 417			●			○		○		FDA compliant sizing agent, excellent water holdout, highly dilutable, high stability over wide range of temperature	-	35	9.0	<25	-	SEQUAPEL™ 417
SYNTHEBOND™ SP 254		●								Polyester dispersion, excellent adhesion, dimensional stability and abrasion resistance	No	30	5.5	<20	54	SYNTHEBOND™ SP 254
SYNTHESIZE™ TFM							●			Polyester dispersion, high molecular weight, designed for filament polyester yarns sizing	No	30	6.0	<500	50	SYNTHESIZE™ TFM
VELVETOL™ 1471			●							Hydrophilic polyester, durable moisture transport characteristic, thermally stable and anti-static	No	97	6.0	-	-	VELVETOL™ 1471
VELVETOL™ 251 C			●							Multifunctional polyester, soft hand feel, good soil release properties, durable moisture transport characteristic	No	97	6.0	-	-	VELVETOL™ 251 C

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