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Synthomer is one of the world's leading suppliers of emulsion and speciality polymers supporting leadership positions in many market segments including coatings, construction, technical textiles, adhesives, paper and synthetic latex gloves. Our strategy is based first and foremost on customer service provided worldwide through a strong network of local sales and technical service, supported by regional application development and production in our key markets. The company has its headquarters in Harlow, UK and provides customer focused services from operational centres in Harlow (UK), Marl (Germany), Kuala Lumpur (Malaysia), Shanghai (China), Dubai (UAE) and Durban (South Africa). We supply our customers from more than 20 manufacturing sites across the world. We deliver the right formula, globally, individually.

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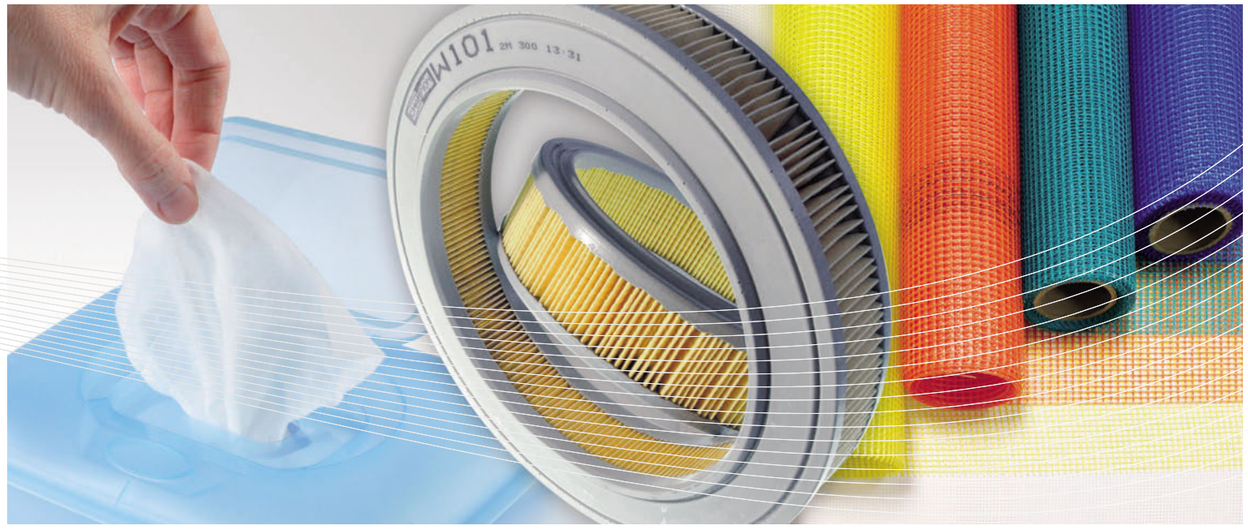
Dispersions
Textiles & Fibre Bonding



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Dispersions

Textiles & Fibre Bonding

Product Name	Applications										Properties	Dispersion Properties*					Product Name
	EIFS Glass Fibre Fabrics	Laid Scrims	PES Roofing Felts	Abrasives	Non-Wovens	Wovens	Footwear	Textile Printing	Automotive Gaskets	Fibreboard		Self-crosslinking	Total Solids Content [%]	pH Value	Viscosity [mPa·s]	Glass Transition Temperature Tg [°C]	
Carboxylated Styrene Butadiene																	**Carboxylated Styrene Butadiene**
Litex S 10946	●				●						Very soft, non-blocking, alkaline resistant	yes	50	9.0	<250	-60	Litex S 10946
Litex S 9076	●			●	●						Very soft, non-blocking, alkaline resistant according to ETAG 004	yes	47	9.3	<300	-44	Litex S 9076
Litex S 44 R					●	●	●				Soft, good wash resistance	yes	45	8.5	<25	-16	Litex S 44 R
Litex S 10867							●				Soft, formaldehyde free crosslinking system	yes	50	9.0	<300	-9	Litex S 10867
Litex S 45 C				●			●				Medium stiff, general purpose binder	no	52.5	8.5	<600	+1	Litex S 45 C
Litex S 10656	●	●									Excellent alkaline resistance (ETAG 004) and runabillity	yes	50	8.5	<500	+5	Litex S 10656
Litex S 9077	●	●		●							Medium soft, very good adhesion on various substrates	yes	45	9.3	<300	+12	Litex S 9077
Litex SBV 600			●		●						Low emission, high thermo-dimensional stability	no	50	7.5	<500	+31	Litex SBV 600
Litex S 9090	●			●			●				Very hard, stiffening component for EIFS blends	no	55	8.5	<600	+51	Litex S 9090
Litex S 21 C				●	●		●			●	Very hard, multi purpose stiffening component	no	50	8.5	<200	+61	Litex S 21 C
Litex S 1050							●			●	Polystyrene, stiffening component	no	50	6.5	<400	+108	Litex S 1050
Carboxylated Acrylonitrile Butadiene																	**Carboxylated Acrylonitrile Butadiene**
Litex NX 1200				●	●		●				Wash resistant, soft binder, low-formaldehyde for non-wovens and overprint	yes	45	7.6	<100	-35	Litex NX 1200
Litex N 2890					●		●				Medium soft for wipes, synthetic leather, interlinings	yes	41	7.3	<25	-24	Litex N 2890
Litex N 5147								●			Excellent wash resistance, good wet and dry fastness	yes	45	8.5	<300	-23	Litex N 5147
Litex NX 7390								●			Excellent wash resistance, good wet and dry fastness, formaldehyde free crosslinking	yes	43.5	8.5	<300	-22	Litex NX 7390
Litex N 3415 M					●		●				Tailored for foam and thermo-coagulation applications, synthetic leather, wiping cloths	no	47.5	7.3	<100	-18	Litex N 3415 M
Litex N 7012									●		Designed for beater addition, high oil/fuel resistance	no	41	9.0	<100	-15	Litex N 7012
Litex N 841									●		High oil/fuel resistance	no	42	8.5	<100	-12	Litex N 841

* Data describes typical properties - not product specifications

Dispersions

Textiles & Fibre Bonding

Product Name	Chopped Strand Mats (CSM)	Non-Wovens	Wovens	Textile Printing	Decorative Laminates	Properties	Self-crosslinking	Total Solids Content [%]	pH Value	Viscosity [mPa·s]	Glass Transition Temperature Tg [°C]	Product Name
Vinyl Acetate / Vinyl Acetate Copolymer												**Vinyl Acetate / Vinyl Acetate Copolymer**
Emultex 9530	●					Plasticised, excellent wet out / wet through properties, very low discolouration	no	60	5.0	<8,000	-5	Emultex 9530
Emultex 585		●	●			General purpose	no	56	4.5	<6,500	+32	Emultex 585
Emultex 378		●	●			Low viscosity, high crosslinking density	yes	45	3.7	<100	+40	Emultex 378
Pure Acrylic												**Pure Acrylic**
Plexol DV 245		●	●			Very soft, good dry cleaning, boiling-water and outstanding weather resistance	yes	55	2.1	<1,000	-33	Plexol DV 245
Plextol R 272		●	●	●		Very soft, good chemical resistance	yes	45	4.0	<100	-30	Plextol R 272
Plextol BV 380		●	●			Very soft, good wash and plastisicer resistance	yes	60	2.5	<2,000	-11	Plextol BV 380
Plextol BV 411		●			●	Soft decorative papers for edgebonds, flexible, waddings for clothing and sleeping backs	yes	50	2.5	<3,500	+1	Plextol BV 411
Plextol X 6100		●	●			Soft, formaldehyde free crosslinking system	yes	50	2.5	<1,000	+1	Plextol X 6100
Plextol DV 455		●	●			Medium stiff, boiling water resistance and outstanding weather resistance	yes	55	2.1	<1,000	+16	Plextol DV 455
Plextol R 277		●	●			Medium stiff, good chemical resistance	yes	45	4.5	<500	+ 22	Plextol R 277
Plextol DV 544					●	Hard, decorative papers for surfaces and edges, block resistance, excellent printability	no	50	8.4	<1,500	+31	Plextol DV 544
Plextol DV 585		●	●			Hard, outstanding UV and weather resistance	yes	55	2.5	<1,000	+40	Plextol DV 585
Plextol BV 595		●	●			Very hard, good wash and plastisicer resistance, hard mixing component for Plextol BV 411	yes	50	2.5	<250	+49	Plextol BV 595
Plextol X 6200		●	●			Very hard, formaldehyde free crosslinking system	yes	50	2.5	<250	+49	Plextol X 6200
Plextol M 630		●	●			Very hard binder for various application of stiff wovens and nonwovens, acid resistance	no	50	7.0	<2,500	+53	Plextol M 630
Styrene Acrylic												**Styrene Acrylic**
Revacryl DV 370			●	●		Soft, good rub resistance, binder for textile flocking	yes	50	7.0	<700	-12	Revacryl DV 370
Revacryl SV 505					●	Lightfastness, excellent compatibility with urea- and melamin formaldehyde resin	yes	50	5.5	<4,000	+20	Revacryl SV 505
Revacryl X 6300		●				Formaldehyde-free crosslinking, hygienic wet wipes	yes	45	8.0	<1,000	+20	Revacryl X 6300
Revacryl X 4340					●	High shear resistance, good compatibility with starch, designed for preimpregnates	yes	50	5.0	<2,000	+23	Revacryl X 4340

* Data describes typical properties - not product specifications

Dispersions

Textiles & Fibre Bonding

Product Name	Abrasives	Cord Impregnation	Foot Wear	Thickeners	Friction Materials	Properties	Self-crosslinking	Total Solids Content [%]	pH Value	Viscosity [mPa·s]	Glass Transition Temperature Tg [°C]	Product Name
Acrylonitrile Styrene Butadiene												**Acrylonitrile Styrene Butadiene**
Acralen BS	●					Stiff abrasive impregnation and coating, outstanding heat and chemical resistance	yes	40	8.1	<1,000	+35	Acralen BS
Polychloroprene												**Cholorprene**
Lipren SK			●			High crystallisation level	no	55	13.0	<160	-42	Lipren SK
Lipren MKB		●	●			Medium crystallisation level	no	58	13.0	<120	-40	Lipren MKB
High Solid Styrene Butadiene												**High Solid Styrene Butadiene**
Litex S 83		●			●	Rubber-like properties	no	66.5	11.0	<1,600	-44	Litex S 83
Vinylpyridine Styrene Butadiene												**Vinylpyridine Styrene Butadiene**
Pyratex 240		●				High vinylpyridine content, good adhesion to textile and rubber	no	41	11.5	25	-45	Pyratex 240
Pyratex 221		●				Medium vinylpyridine content, good adhesion to textile and rubber	no	40.5	12.5	45	-42	Pyratex 221
Thickeners												**Thickeners**
Rohagit SD 15				●		Universal thickener for water-based formulations, pH range > 8,0	-	30.0	3.0	<100	-	Rohagit SD 15
Rohagit SD 25				●		Ready-to-use saponified poly-acrylic thickener, pH range > 5,0	-	9.5	10.0	<25,000	-	Rohagit SD 25
Rohagit SD 30				●		Saponifiable base polymer	-	50.0	4.5	<2,000	-	Rohagit SD 30
Rohagit SD 9523				●		Excellent pseudoplastic properties to anionic and non-ionic formulations, pH range > 8,0	-	35.5	4.5	<2,000	-	Rohagit SD 9523

Applications

Dispersion Properties*

* Data describes typical properties - not product specifications