

Leading in emulsions and speciality polymers

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. The company has its Head Office in London (UK) and provides customer focused services from operational centres in Harlow (UK), Marl (Germany), Kuala Lumpur (Malaysia), Shanghai (China) and Dubai (UAE). In June 2016 we have acquired the Monomers, Dispersions and Powders business (MDP) from Hexion with dedicated production, sales and customer service facilities in North America, Europe and South East Asia. The newly acquired business significantly improves our footprint to a number of speciality markets which we will continue to serve through a strong network of local technical service and sales branches, supported by regional application development and production in our key markets. *We deliver the right formula, globally, individually.*

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Dispersions Textiles & Fibre Bonding



Dispersions

Textiles & Fibre Bonding

Product Name	Applications								Properties	Dispersion Properties*					Product Name				
	EPS Glass Fibre Fabrics	Laid Scrims	PES Roofing Felts	Abrasives	Non-Wovens	Footwear	Automotive Gaskets	Fibreboard		Self-crosslinking	Total Solids Content [%]	pH Value	Viscosity [mPas]	Glass Transition Temperature Tg [°C]					
Carboxylated Styrene Butadiene										Carboxylated Styrene Butadiene									
Litex S 9076	●			●	●				Very soft, non-blocking, alkaline resistant according to ETAG 004	yes	47	9.3	<300	-44	Litex S 9076				
Litex S 10867								●	Soft, formaldehyde free crosslinking system	yes	50	9.0	<300	-9	Litex S 10867				
Litex S 10656	●	●							Excellent alkaline resistance (ETAG 004) and runability	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 2806				●	●	●		●	Very hard, multi purpose stiffening component	yes	50	8.5	<200	+61	Litex S 2806				
Carboxylated Acrylonitrile Butadiene										Carboxylated Acrylonitrile Butadiene									
Litex NX 1200				●	●	●			Wash resistant, soft binder, low-formaldehyde for non-wovens and overprint	yes	45	7.5	<100	-35	Litex NX 1200				
Litex N 3415 M					●	●			Tailored for foam and thermo-coagulation applications, synthetic leather, wiping cloths	no	47.5	7.5	<100	-18	Litex N 3415 M				
Litex N 7012 N								●	Designed for beater addition, high oil/fuel resistance	no	41	9.0	<100	-15	Litex N 7012 N				

* Data describes typical properties - not product specifications

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Product Name	Applications			Properties	Dispersion Properties*					Product Name
	Non-Wovens	Wovens	Decorative Laminates		Self-crosslinking	Total Solids Content [%]	pH Value	Viscosity [mPa·s]	Glass Transition Temperature T _g [°C]	
Vinyl Acetate Homopolymer					Vinyl Acetate Homopolymer					
Emultex 586	●	●		General purpose	no	59,5	4,5	<24,000	+32	Emultex 586
Pure Acrylic					Pure Acrylic					
Plextol DV 245	●	●		Very soft, good dry cleaning, boiling-water and outstanding weather resistance	yes	55	2,5	<500	-33	Plextol DV 245
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	2,5	<500	+16	Plextol DV 455
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
Styrene Acrylic					Styrene Acrylic					
Revacryl X 4340			●	High shear resistance, good compatibility with starch, designed for preimpregnates	yes	50	5,0	<2,000	+25	Revacryl X 4340

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Dispersions

Textiles & Fibre Bonding

		Abrasives	Cord Impregnation	Foot Wear	Thickeners															
											Self-crosslinking	Total Solids Content [%]	pH Value	Viscosity [mPa.s]	Glass Transition Temperature Tg [°C]					
Product Name	Applications	Properties				Dispersion Properties*					Product Name									
Acrylonitrile Styrene Butadiene											Acrylonitrile Styrene Butadiene									
Acralen SNX 7675	●					Stiff abrasive impregnation and coating, outstanding heat and chemical resistance	yes	50	7,5	<500	+35	Acralen SNX 7675								
Polychloroprene											Polychloroprene									
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								
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 9523					●	Excellent pseudoplastic properties to anionic and non-ionic formulations, pH range > 9,0	-	35.5	4.5	<2,000	-	Rohagit SD 9523								

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