

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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Group Head Office:

Synthomer plc
45 Pall Mall
London SW1Y 5JG
United Kingdom
info@synthomer.com

Operational Centre Europe:

Synthomer Deutschland GmbH
Werrastraße 10
45768 Marl
Germany
Phone: +49 2365 49-2552
info.europe@synthomer.com

Dispersions Textiles & Fibre Bonding



Dispersions

Textiles & Fibre Bonding

Product Name	Applications								Properties	Dispersion Properties*					Product Name
	Glass-FIBS	Glass Fibre & Scrim	PES Roofing Felts	Abrasives (Coated)	Non-Woven (Coated)	Footwear (Durable & Disposable)	Automotive Caskets	Fibreboard		Self-crosslinking	Total Solids Content [%]	pH Value	Viscosity [mPa.s]	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 AlkaShield™ 1543	●	●							Medium soft, cost-efficient, good alkali resistance, suitable for legacy coating line	yes	50	8.5	<500	+8	Litex AlkaShield™ 1543
Litex QuickShield™ 1545	●	●							Medium soft, formaldehyde-free, low odour, high alkali resistance, highly efficient, fast curing	yes	50	7.5	<300	+5	Litex QuickShield™ 1545
Litex QuickShield™ 1685	●	●							Stiff, formaldehyde-free, low odour, high alkali resistance, highly efficient, fast curing	yes	50	7.5	<500	+37	Litex QuickShield™ 1685
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 SkyShield™ 4685			●		●				1k applicable, stiff handle, for spunbond nonwoven and thick staple fibres	yes	50	7.5	<500	+37	Litex SkyShield™ 4685
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-Woven (Durable & Disposable)	Woven (Coated Fabrics)	Decorative Laminates	Self-crosslinking	Total Solids Content [%]	pH Value	Viscosity [mPa·s]	Glass Transition Temperature T _g [°C]	
Vinyl Acetate Homopolymer									
Emultex 585	●	●		no	56	4.5	<6,500	+32	Emultex 585
Pure Acrylic									
Plexol DV 245	●	●		yes	55	2.5	<500	-33	Plexol DV 245
Plextol BV 411	●		●	yes	50	2.5	<3,500	+1	Plextol BV 411
Plextol X 6100	●	●		yes	50	2.5	<1,000	+1	Plextol X 6100
Plextol DV 455	●	●		yes	55	2.5	<500	+16	Plextol DV 455
Plextol DV 544			●	no	50	8.4	<1,500	+31	Plextol DV 544
Plextol DV 585	●	●		yes	55	2.5	<1,000	+40	Plextol DV 585
Styrene Acrylic									
Revacryl X 4340			●	yes	50	5.0	<2,000	+25	Revacryl X 4340
Revacryl Design™ 1425			●	yes	50	8.5	<5,500	-15	Revacryl Design™ 1425
Revacryl Design™ 1490			●	yes	50	7.5	<2,000	-2	Revacryl Design™ 1490
Revacryl Design™ 1560			●	yes	50	7.5	<2,000	+12	Revacryl Design™ 1560
Revacryl Design™ 1610			●	yes	50	7.5	<2,000	+22	Revacryl Design™ 1610

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Dispersions

Textiles & Fibre Bonding

Product Name	Applications				Properties	Dispersion Properties*					Product Name
	Abrasives (Coated)	Cord Impregnation	Footwear (Nonwoven Cellulosic)	Thickeners		Self-crosslinking	Total Solids Content [%]	pH Value	Viscosity [mPa·s]	Glass Transition Temperature T _g [°C]	
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											
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											
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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