



StanChem

Water-Based Emulsion Polymers

Coatings - Adhesives - Sealants - Elastomers - Non-Wovens - Industrial - Architectural

East Berlin, Connecticut 06023 - Phone: 860-828-0571

Architectural

Product	% Solids	Viscosity (cps)	Tg (°C)	Uses
SC 5218	55.0	500	20	Interior Primers / Flats
SC 5184	55.0	1000	15	Interior Walls
SC 5273	54.5	1500	17	Interior Walls / Trim
SC 6261	50.0	200	28	Exterior
SC 6694	61.0	1000	21	Exterior
SC 6933	42.5	<100	18	Exterior / Concrete
SC 6508	55.5	750	12	Exterior
SC 6349	44.0	250	18	Exterior / Concrete
SC 6968	47.0	500	12	Tannin Blocking Primers
SC 6873	40.5	<50	56	Graphic Arts
SC 6502	50.0	250	17	Primers / Trim
SC 6235	48.0	200	9	Fine Arts
SC 6477	30.5	<50	-	ASE Thickener

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Innovation Through Collaboration

Construction

Product	% Solids	Viscosity (cps)	Tg (°C)	Uses
SC 6300	48.0	500	35	Cure & Seal
SC 6380	47.0	100	40	Cure & Seal
SC 6910	45.0	500	40	Concrete Waterproofing
SC 6210	48.0	500	13	Admixtures
SC 6640	48.0	50	12	Admixtures
SC 6686	47.0	50	14	Admixtures
SC 6898	61.0	1500	-14	Elastomeric Coatings
SC 9022	55.0	200	-35	Elastomeric Coatings
SC 9032	60.5	800	-35	Elastomeric Coatings
SC 6932	58.0	350	-10	Caulks and Sealants
SC 6959	62.0	500	-22	Caulks and Sealants
SC 5198	55.0	2000	30	Caulks and Sealants
SC 6863	36.0	20	33	Dirt Road Stabilization

Acrylic - VA Homopolymer - Styrene / Acrylic

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Innovation Through Collaboration

Industrial

Product	% Solids	Viscosity (cps)	Tg (°C)	Uses
SC 6502	50.0	250	17	General Purpose
SC 5174	55.0	1000	18	Intumescent Coatings
SC 6553	65.0	300	17	Sports Surfaces & Marking
SC 6078	53.0	1000	15	Sports Surfaces
SC 6942	50.0	100	25	Traffic Line Marking
SC 6257	41.5	1000	33	Industrial Maintenance
SC 6957	41.0	750	39	Industrial Maintenance
SC 6374	50.0	800	39	Metal Coatings
SC 6999	50.0	500	48	Metal Coatings
SC 6972	37.0	500	40	Thermoset Coatings
SC 6974	44.5	300	38	Thermoset Coatings
SC 6458	48.0	300	35	Wood - Factory Applied
SC 6855	41.0	100	63	Wood - Factory Applied

Acrylic - Vinyl Acrylic - Styrene / Acrylic

SPECIALTY POLYMER SOLUTIONS

Performance beyond the standard, built for what's next

StanChem engineers advanced polymer solutions for demanding applications across coatings, adhesives, sealants, elastomers, nonwovens, packaging, and paper delivering performance that commodity products simply cannot match.

4

Reactor systems, pilot to commercial scale

52K lbs

Largest production reactor capacity

6+

End markets served across CASE and beyond

CUSTOM DEVELOPMENT

Formulated to your exact specifications

StanChem's specialty polymer portfolio is built around one principle: **your performance requirements come first**. Many of our materials are developed through close collaboration with customers to achieve characteristics unavailable in conventional, commodity-grade products. From initial concept through commercial launch, we serve as an extension of your technical team accelerating speed to market without sacrificing precision.

MANUFACTURING

Versatile facilities engineered for scale and speed

Our polymer manufacturing facility is built for flexibility at every stage. A dedicated **500-gallon** pilot reactor enables rapid development and de-risked formulation work, while three large-scale production reactors ranging from **42,000 to 52,000 pounds** support seamless scale-up to full commercial and tank-wagon volumes. Broad polymerization technologies, high-pressure capabilities, and compatibility with the full range of commercially available monomers deliver **consistent, reproducible results at every scale**.

TECHNICAL EXPERTISE

Deep expertise, on-site when it matters

Our fully equipped polymer synthesis and applications laboratories are staffed by seasoned technical professionals who work shoulder-to-shoulder with customers. Whether solving a complex formulation challenge in emulsion polymers or providing on-site support to troubleshoot performance in real time, **StanChem delivers practical, responsive solutions** not just data sheets.

Uncompromising quality, every batch. Raw materials are rigorously tested before use, processes are continuously monitored, and finished products undergo thorough analytical verification ensuring consistent performance and full compliance with your specifications, every time.

APE-Free, Proven Performance

SC 6262

SC 5185

SC 6146

SC 6450

**Eco-Friendly
Non-Toxic
Sustainable**

Bio-based Low-VOC Binder

SC 6235B

