

Cost-Effective and Superior Quality Colloidal Silica

At Polytrachem, we specialize in providing premium-quality colloidal silica at competitive prices. Our mission is simple: to deliver a reliable and economical source of colloidal silica without compromising on quality.



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Products	% solids	Mean Particle Size (nm)	pH	Surface Area (m2/g)	Density (g/cc)	Applications			Functions
Polysil 8X	8%	5.1	10.09	598	1.04	Beverage Clarification Water treatment	Concrete & Mortar	Protective Coating	Densifier for cement/concrete
Polysil 8SX	6%	3.6	10.0	840	1.02	Beverage Clarification Water treatment	Non-stick Coating Pulp & Paper	Protective Coating Adhesives	Retention aid for fines in paper
Polysil 15	15%	8	9.1	425	1.13	Cosmetics			Adhesion and binding Increased surface friction
Polysil 15X	15%	6	10.4	602	1.12	Beverage Clarification	Water Treatment	Pulp & Paper	Flocculant aid for waste water filtration Retention aid for fines in paper
Polysil 20X	18%	7	9.8	425	1.13	Beverage Clarification	Water Treatment	Concrete & Mortar	Densifier for cement/concrete
Polysil 30	30%	12	10.1	248	1.19	Catalyst Insulation Coating Pigment Pulp & Paper	Concrete & Mortar Investment Casting Refractory Materials	Decorative Coating Paper, Inkjet & Photo Textiles & Fabrics	Binder for investment casting Anti-soilant in textiles Anti-block in films
Polysil 30X	30%	7.1	10.0	430	1.20	Batteries Decorative Coating Paper, Inkjet, & Photo	Catalyst Investment Casting Refractory Materials	Concrete & Mortar Leather Pulp & Paper	Scratch resistance for surface applications and coatings Paper fines retention Cement densification Anionic coagulant