

Polymers

Product	Chemical Name	Abbr	Product form	Appearance	Active content%	Specific gravity @20°C	Ph 1%@ 25°C	Functional Properties	CaCO ₃ Inhibition	CaSO ₄ Inhibition	Ca ₃ (PO ₄) ₂ Inhibition	CaC ₂ O ₄ Inhibition	BaSO ₄ Inhibition	Silicate Inhibition	Calcium Tolerance	Clay/silt Dispersion	Iron Oxide Dispersion	Thermal Stability
AquaSol® P9000	Homopolymer of Maleic Acid	HPMA	Liquid	Clear brown solution	50 (as acid)	1.20	< 2	★	★★★	★				★	★★	★	★	★★
AquaSol® P9000S	Homopolymer of Maleic Acid (Solvent Basis)	HPMA	Liquid	clear yellow to amber liquid	50 (as acid)	1.16-1.22	< 2	★	★★★	★				★	★★	★	★	
AquaSol® 9100	Phosphino-carboxylic acid Polymer	PCA	Liquid	Clear amber solution	38 - 42 (active solids)	1.20	4.0 - 4.5	★	★★★	★	★		★	★	★	★	★	★
AquaSol® 9110	Phosphino-carboxylic acid Polymer	PCA	Liquid	Clear amber solution	38 - 42 (active solids)	1.20	3.5 - 5.0	★	★★★	★	★	★	★	★	★	★	★	★
AquaSol® 9110C	Phosphino-carboxylic acid Polymer	PCA	Liquid	Clear amber solution	48 - 52 (active solids)	1.25	3.5 - 5.0	★	★★★	★	★	★	★	★	★	★	★	★
AquaSol® 9200	Polyacrylic Acid	PAA	Liquid	Clear pale yellow liquid	43 - 45 (active solids)	1.30 (25°)	6.5 - 8.5	★	★★★	★			★	★	★	★	★	★
AquaSol® 9300	Sulphonated Polyacrylaic Acid Copolymer	AA/AMPS	Liquid	Colorless to pale yellow aqueous solution	42 - 46 (active solids)	1.28	1.8 - 2.0	★			★	★		★	★	★	★	★
AquaSol® 9400	Terpolymers of Maleic Acid	MA/NI	Liquid	Clear to pale yellow aqueous solution	40 - 45 (active solids)	1.18 (25°)	6 - 8	★	★★★	★		★			★	★	★	★
AquaSol® 9500	Sulphonated Polyphosphino Carboxylic Acid Polymer.	K ₆ HDTMPA	Liquid	Clear amber solution	30 (as acid)	1.33	5.5 - 6.0 (as is)	★	★★★		★			★	★	★	★	★

Note: ★ = Good ★★ = Very good ★★★ = Excellent ▲ = Poor ✓ = Yes