

Carbospense™ K-7600N Sodium Polyacrylate

Carbospense K-7600N polyacrylate is a sodium salt of medium molecular weight water soluble acrylic acid polymer supplied as a clear, amber colored, 34% total solids solution in water.

Carbospense K-7600N polyacrylate is a high performance polyelectrolyte with multi-functional properties including chelation, sequestration, dispersion, scale inhibition, crystal growth distortion, binding, and plasticizing.

The typical properties for Carbospense K-7600N polyacrylate are as follows:

Form	Water solution
Appearance	Clear, amber colored
Total solids (%)	34 (33 to 35)*
Active solids (%)	26.7
Molecular weight** (GPC M _w)	120,000
pH	8.2 (7.5 to 9.0)*
Viscosity (cP at 25°C)	1,350 (950 to 1,750)*
Specific gravity	1.2 (1.1 to 1.3)

* Specification.

** Expressed as polyacrylic acid as determined by an aqueous GPC method.

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