

Carbospense™ K-752 Polyacrylate

Carbospense K-752 polyacrylate is a partially neutralized low molecular weight water soluble acrylic acid polymer supplied as a clear, amber colored, 63% total solids solution in water.

Carbospense K-752 polyacrylate is a high performance polyelectrolyte with multi-functional properties including sequestration, dispersion, scale inhibition, crystal growth distortion, binding, and plasticizing.

The typical properties for Carbospense K-752 polyacrylate are as follows:

Form	Water solution
Appearance	Clear to hazy, colorless to amber colored
Total solids (%)	63 (62 to 64)*
Active solids (%)	62.2
Molecular weight** (GPC M _w)	2,000
pH	2.6 (2.2 to 3.0)*
Viscosity (cP at 25°C)	950 (400 to 1,400)*
Specific gravity	1.2 (1.0 to 1.3)

* Specification.

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

Carbospense K-752 polyacrylate is also available in a powder sodium salt form known as Carbospense K-759.

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