

## Carbospense™ K-702 Polyacrylate

Carbospense K-702 polyacrylate is a partially neutralized, high molecular weight, water soluble, acrylic acid polymer supplied as a clear, amber colored, 25% total solids solution in water.

Carbospense K-702 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-702 polyacrylate are as follows:

Form	Water solution
Appearance	Clear, amber colored
Total solids (%)	25 (24 to 26)*
Active solids (%)	24.7
Molecular weight** (GPC M <sub>w</sub> )	345,000
pH	2.5 (2.2 to 3.0)*
Viscosity (cP at 25°C)	800 (400 to 1,200)*
Specific gravity	1.1 (1.0 to 1.2)

\* Specification.

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

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