

Carbospense™ K-732 Polyacrylate

Carbospense K-732 polyacrylate is a partially neutralized low molecular weight water soluble acrylic acid polymer supplied as a clear to hazy, colorless to amber colored, 50% total solids solution in water.

Carbospense K-732 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-732 polyacrylate are as follows:

Form	Water solution
Appearance	Clear to hazy, colorless to amber colored
Total solids (%)	50 (49 to 51)*
Active solids (%)	49.5
Molecular weight** (GPC M _w)	6,000
pH	2.6 (2.2 to 3.0)*
Viscosity (cP at 25°C)	350 (250 to 500)*
Specific gravity	1.2 (1.1 to 1.3)

* Specification.

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

Carbospense K-732 polyacrylate is also available in a powder sodium salt form known as Carbospense K-739.