

## Carbospense™ K-7028 Polyacrylate

Carbospense K-7028 polyacrylate is a partially neutralized low molecular weight water soluble acrylic acid polymer supplied as a water white to amber, slightly hazy, 55% total solids solution in water.

Carbospense K-7028 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-7028 polyacrylate are as follows:

Form	Water solution
Appearance	Water white to amber, slightly hazy
Total solids (%)	55 (54 to 56)*
Active solids (%)	51.7
Molecular weight** (GPC M <sub>w</sub> )	2,300
pH	3.7 (3.4 to 4.0)*
Viscosity (cP at 25°C)	450 (350 to 600)*
Specific gravity	1.2

\* Specification.

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

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