

Carbospense™ K-7058N Sodium Polyacrylate

Carbospense K-7058N polyacrylate is a sodium salt of a low molecular weight water soluble acrylic acid polymer (i.e., Carbospense K-7058) supplied as a water white to amber, slightly hazy, 45% total solids solution in water.

Carbospense K-7058N 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-7058N polyacrylate are as follows:

Form	Water solution
Appearance	Water white to amber, slightly hazy
Total solids (%)	45 (44 to 46)*
Active solids (%)	35.7
Molecular weight** (GPC M _w)	7,300
pH	7.0 (6.5 to 7.5)*
Viscosity (cP at 25°C)	675 (500 to 750)*
Specific gravity	1.2 (1.1 to 1.3)

* Specification.

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

Carbospense K-7058N sodium polyacrylate is also available in a powder form known as Carbospense K-7058D.

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