

Carbosperse™ K-7058 Polyacrylate

Carbosperse K-7058 polyacrylate is a partially neutralized low molecular weight water soluble acrylic acid polymer supplied as a water white to amber, slightly hazy, 50% total solids solution in water.

Carbosperse K-7058 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 Carbosperse K-7058 polyacrylate are as follows:

Form	Water solution
Appearance	Water white to amber, slightly hazy
Total solids (%)	50 (49 to 51)*
Active solids (%)	49.2
Molecular weight** (GPC M _w)	7,300
pH	2.5 (2.2 to 2.9)*
Viscosity (cP at 25°C)	425 (300 to 525)*
Specific gravity	1.22 (1.19 to 1.25)

* Specification.

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

Carbosperse K-7058 polyacrylate is also available as a sodium salt in both liquid (Carbosperse K-7058N) and powder (Carbosperse K-7058D) forms.

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Lubrizol Advanced Materials, Inc.
9911 Brecksville Road
Cleveland, OH 44141-3247
216-447-5000 Phone
800-380-5397 USA Toll-Free
216-447-5238 Fax
www.carbosperse.com