

Carbospere™ K-7058D Powdered Sodium Polyacrylate

Carbospere K-7058D polyacrylate is a water soluble sodium salt of a low molecular weight water soluble acrylic acid polymer (i.e., Carbospere K-7058) that is supplied as a white, free-flowing powder, containing 11% moisture.

Carbospere K-7058D 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 Carbospere K-7058D polyacrylate are as follows:

Form	Powder
Appearance	White, free-flowing
Moisture content (%)	11 (8 to 14)*
Molecular weight** (GPC M_w)	7,300
pH of a 1% solution	7.5 (6.0 to 9.0)*
Apparent gravity (gm/cc)	0.6

* Specification.

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

Carbospere K-7058D polyacrylate is also available in a liquid form known as Carbospere K-7058N.

CBSK7058D-TDS (Oct-07)
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