

OPTIGEL WH

RHEOLOGICAL ADDITIVE FOR PAINTS AND COATINGS

Product Data

Special Features and Benefits

OPTIGEL WH is produced from natural, colloidal aluminum silicate by a unique process. The high purity and consistent viscosity of OPTIGEL WH are made possible by our selective mining and rigid process control from the crude ore to the finished product.

OPTIGEL WH is thixotropic in nature. It is most beneficial when it is used in combination with other rheological additives to produce the desired rheological properties in a paint system. Suitable co-thickeners include cellulose, alkali swellables, and urethane thickeners.

OPTIGEL WH is a very economical thixotrope. OPTIGEL WH is a fraction of the cost of most cellulosic thickeners. OPTIGEL WH contributes to excellent spray atomization properties.

Benefits

- Economical
- Heat Stable
- Chemical Stability with Co-Solvents
- Shear Tolerant
- Enzyme-Proof
- Rapid Shear Recovery
- Low High Shear Viscosity
- High Low Shear Viscosity
- Wide Ph Range Tolerance (6-12)

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Color:	Off White
Weight Per Gallon:	21.62 lbs
Density:	2.59 g/cm ³
Bulk Density Loose/Packed:	30/45 lbs/ft ³
Moisture:	<8.0 %
pH:	9.0-10.5
Dry Sieve Size (%-325M):	95 % *

*The Dry Sieve analysis does not indicate the true particle size in water. The clay particles will delaminate to sub-micron particles in water.

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