

GARAMITE 7305

Industrial Applications

Product Data

Special Features and Benefits

GARAMITE 7305 was developed using patented Mixed Mineral Thixotrope (MMT) technology. The MMT technology provides performance benefits which are not possible with traditional organoclay additives. Traditional organoclays are very hard to disperse, typically requiring both very high shear mixing and a polar activator to help delaminate the aggregates of clay platelets. Due to the multiple particle morphologies of GARAMITE 7305, the powder disperses very easily into oils or solvents with only moderate shear. GARAMITE 7305 exhibits a very unique rheology profile compared to other thickening additives. Very high low-shear viscosity can be achieved by incorporating GARAMITE 7305 into formulations which results in outstanding ant-settling and anti-syneresis properties. However, when a shear force is applied, the viscosity is quickly reduced which allows for excellent application properties. GARAMITE 7305 is most suited for medium to high polarity systems.

Typical Properties

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

Color:	Off White
Form:	Fine Powder
Moisture Content:	Less than 6.0 %
Bulk Density:	8 pounds/cubic foot (130 kilograms/cubic meter)
Specific Gravity:	1.5-1.7

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