

## GARAMITE-7308 XR

Powdered rheology additive based on organophilic phyllosilicates for low- to medium-polar oil- and solvent-based personal care applications.

Gamma irradiation sterilized version of GARAMITE-7308.

### Product data

#### Composition

Organophilic phyllosilicates (INCI: Quaternium-90 Sepiolite, Quaternium-90 Montmorillonite)

Vegan

#### Typical properties

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

Bulk density:	68–119 kg/m <sup>3</sup>
Water content:	< 6 %
Loss on ignition:	27–33 %
Sieve passing (200 mesh/74 µm):	min. 98 %
Total viable count:	< 100 cfu/g
Color:	off-white
Delivery form:	powder

#### Storage and transportation

To be stored at temperatures below 30 °C. Keep the container tightly closed in a dry and well-ventilated place.

### Applications

#### Personal care

##### Special features and benefits

GARAMITE-7308 XR is a powdered rheology additive for low- to medium-polar organic liquids, such as Cyclomethicone, Dimethicone, Paraffinum Liquidum, Isododecane, or Castor Oil. Thanks to the multiple particle morphologies combined in this additive, it can be easily dispersed in oil- or solvent-based formulations at moderate shear. It does not require an activator to achieve its effectiveness and has a unique rheology profile. The very high viscosity in the low shear range results in excellent anti-settling and anti-syneresis properties. When shear forces are applied, the viscosity is significantly reduced. Use of the additive also leads to very good application properties and creates a pleasant skin feel.

**Recommended use**

Antiperspirants/deos	
Liquid makeup	
Lipsticks	
Eye shadows	
Hair care products	
Hair styling products	
Creams and lotions	

 especially recommended    recommended

**Recommended levels**

0.3–8 % additive (as supplied) based on the total formulation, depending on the application.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

**Incorporation and processing instructions**

The additive should be dispersed at moderate shear for about 10 minutes and can be added at any time during manufacture.

**Special note**

Very high shear forces should be avoided when preparing formulations containing GARAMITE-7308 XR.



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This issue replaces all previous versions.