

BENTONE® P270 CO

Easy to use rheological additive for paints and coatings

GENERAL INFORMATION

BENTONE P270 CO is a pre-activated hectorite based organoclay in castor oil. It comes in a paste form that is easier to use in production and gives higher efficiency than powdered organoclays, ensuring more consistent finished products.

Castor oil can react into a 2K polyurethane matrix, but needs to be compensated for by an increase in isocyanate hardener.

PHYSICAL PROPERTIES

Composition	Pre-activated hectorite clay
Form	Paste
Brookfield Viscosity TF spindle @ 2.5 rpm [cps]	1.0-2.0

These are typical properties not to be used for specification purposes

APPLICATIONS

- Adhesives and mastic compounds
- Aerosol paints
- Anti-corrosive paints
- Automotive finishes, primers
- Industrial paints
- Interior and exterior architectural paints
- Plastics, organosols
- Primers
- Refinish systems
- Wood stains

KEY PROPERTIES

Advantages of BENTONE P270 CO pre-activated hectorite clay:

- Provides viscosity consistency
- No dust and ready to use
- Possible to use in post addition
- Contributes to process optimization, reducing production time
- Contributes to easily dispersible formulas
- Easier to adjust rheology

INCORPORATION

BENTONE P270 CO can be added at any suitable stage during the manufacturing process.

BENTONE P270 CO is a highly viscous, shear-thinning product. To ensure incorporation and homogeneity are achieved, use of medium to high-shear dispersion equipment is recommended.

LEVELS OF USE

The level of use of BENTONE® P270 CO will depend on the system in which it will be used. For architectural and industrial paints the level is 2-6%.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

BENTONE P270 CO should be kept in a cool, dry location, away from heat

BENTONE[®] P270 CO

SHELF LIFE

BENTONE P270 CO has a shelf life of 2 (two) years from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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