imerys.com

PoleStar[™]

High performance calcinated kaolin extenders for decorative matt paints

Attributes:

- Higher reduction of Titanium dioxide
- Higher brightness, low yellowness
- Excellent opacity and hiding power
- Reduces total raw material costs
- For high PVC interior matt wall paints
- For cost-effective decorative coatings
- Based on a natural aluminium silicate mineral



PoleStar[™] High performance calcinated kaolin extenders

PoleStar[™] calcined kaolin aluminium silicate extenders from Imerys allow reduction of the titanium dioxide content in high PVC decorative matt paints, without loss of opacity or hiding power.

The calcination process transforms platy natural kaolin, a natural aluminium silicate, into a highly structured particle that is ideal for improving coating opacity.

It is particularly effective in high PVC decorative matt paints. The structure of the particle increases and optimises refraction and diffraction of light passing through the coating.

This improves the light scattering properties, reducing the interaction of light with the substrate beneath.



Physical Characteristics

Grade	Brightness (ISO R457)	Mean Particle size microns (sedigraph)	Specific gravity	Oil absorption (g/100g)
PoleStar [™] 200P	90	2.0	2.6	50
PoleStar [™] 400	90.5	0.6	2.6	72

All technical data is provided for information only. It does not constitute a specification. Specifications are available on request



For more information: coatings.EMEA@imerys.com imerys.com +33 5 61 50 20 20 43 Quai de Grenelle, 75015 Paris, France

