

# PoleStar™ 200P

PoleStar 200P is produced by heating highly refined kaolin to temperatures above 1000°C. During calcination, chemical, morphological and mineralogical changes occur.

PoleStar 200P is recommended as an opacifying extender for matt emulsion paints.

## IMERY'S PERFORMANCE & FILTRATION MINERALS

Par Moor Centre,  
Par Moor Road, Par  
Cornwall, PL24 2SQ - UK  
Tel: +44 1726 818000  
Fax: +44 1726 811200

## SPECIFICATION

Brightness (ISO R457)	90.0 ± 1.5
+ 300 mesh (mass % max.)	0.05
+ 10 µm (mass % max.)	12
Moisture (mass % max.)	0.5

## TYPICAL PROPERTIES

Specific gravity	2.6
Surface area (BET; m <sup>2</sup> /g)	8
pH	7
Oil Absorption (g/100g)	50
Water soluble salt content (mass %)	0.06
Aerated powder density (kg/m <sup>3</sup> )	330
Tapped powder density (kg/m <sup>3</sup> )	600

## Chemical analysis by X-ray fluorescence

SiO <sub>2</sub> (mass %)	55
Al <sub>2</sub> O <sub>3</sub> (mass %)	41

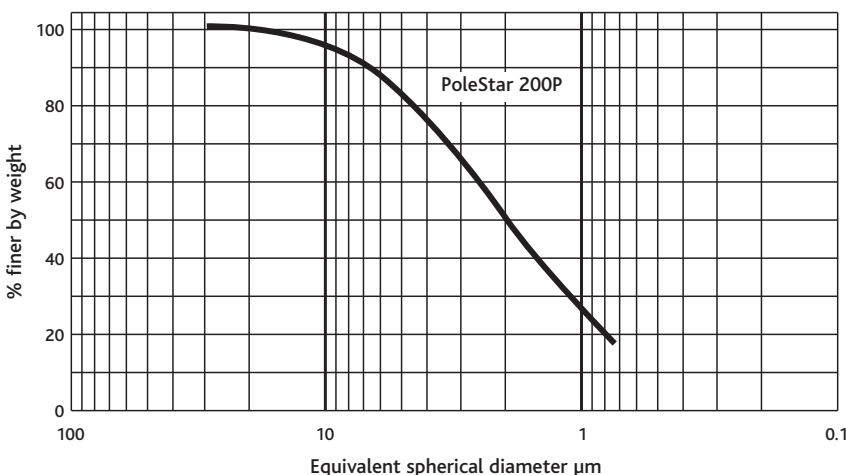
EINECS No. 296-473-8

CAS No. 92704-41-1



ISO 9001  
FM 14752

## TYPICAL PARTICLE SIZE DISTRIBUTION GRAPH



The data quoted are determined by the use of IMERY'S Minerals Ltd Standard Test Methods, copies of which will be supplied on request. Every precaution is taken to ensure the products conform to our published data, but since the products are based on naturally occurring raw materials, we reserve the right to change these data should it become necessary. Sales are in accordance with our 'Conditions of Sale', copies of which will be supplied on request.