

# PoleStar™ 200R

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

PoleStar 200R imparts excellent electrical insulation properties to low and medium voltage power cables.

## IMERY'S PERFORMANCE & FILTRATION MINERALS

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### SPECIFICATION

Brightness (ISO R457)	88.5 ± 2.0
+ 300 mesh (mass % max.)	0.05
+ 10 µm (mass % max.)	10
- 2 µm (mass % min.)	44
Moisture (mass % max.)	0.5
pH	6.5 ± 0.5

### TYPICAL PROPERTIES

Specific gravity	2.6
Surface area (BET; m <sup>2</sup> /g)	8.5
Aerated powder density (kg/m <sup>3</sup> )	340
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

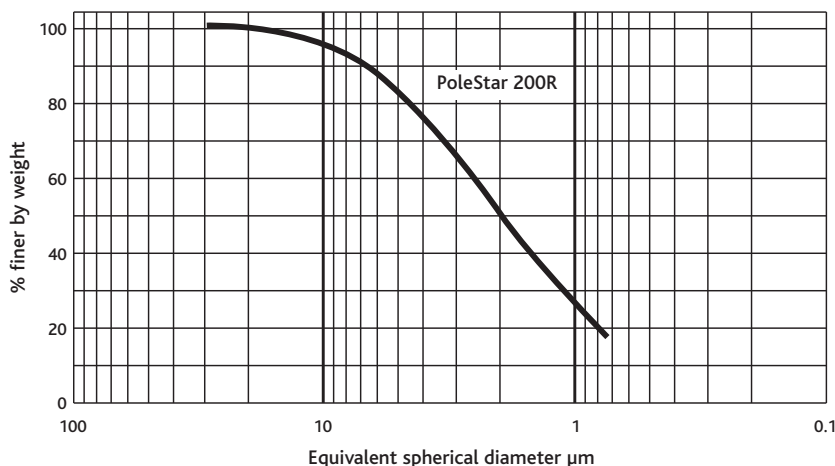
EINECS No. 296-473-8

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.