

# Polsperse™ 50

Polsperse 50 is a medium particle size kaolin produced by a high intensity pulverisation process. It is specifically designed for use in solvent-based paints. The major advantage of Polsperse 50 is that it disperses rapidly in these paints to a fine Hegman Gauge value.

## SPECIFICATION

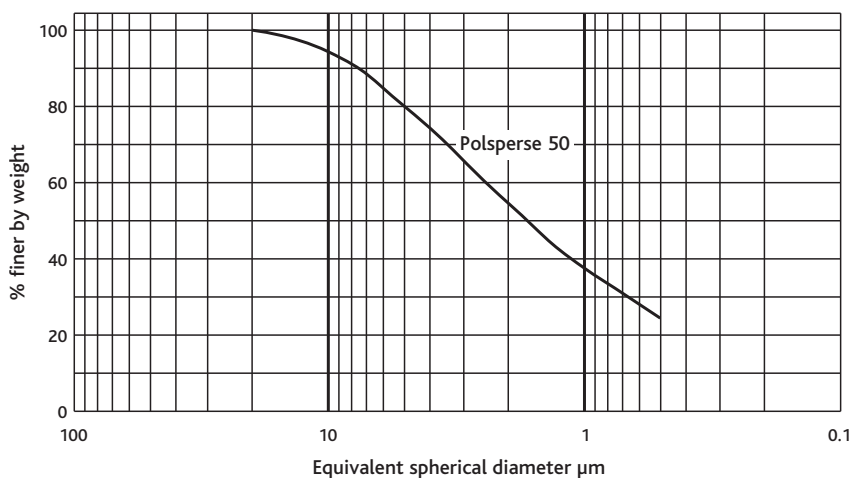
Dispersion	( $\mu\text{m}$ max.)	30
Brightness	(ISO R457 min.)	81.5
+ 300 mesh	(mass % max.)	0.05
+ 10 $\mu\text{m}$	(mass % max.)	15
- 2 $\mu\text{m}$	(mass % min.)	45
Moisture	(mass % max.)	1.5

## TYPICAL PROPERTIES

Yellowness		5.7
Specific gravity		2.6
pH		5.0
Surface area	(BET; $\text{m}^2/\text{g}$ )	10
Oil absorption	(g/100g)	38
Aerated powder density	( $\text{kg}/\text{m}^3$ )	330
Tapped powder density	( $\text{kg}/\text{m}^3$ )	680
Water soluble salt content	(mass %)	0.15
Chemical analysis by X-ray fluorescence		
SiO <sub>2</sub>	(mass %)	47
Al <sub>2</sub> O <sub>3</sub>	(mass %)	37

CAS No. 1332-58-7

## TYPICAL PARTICLE SIZE DISTRIBUTION



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ISO 9001  
FM 14752

Kaolin does not appear in EINECS as an individual entry but is classified as "naturally Occurring Substance" with the EINECS No. 310-127-6.

*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.*