

# Supreme™

Supreme is a highly refined kaolin of ultrafine particle size and high brightness from deposits in the South West of England.

## IMERY'S FILTRATION & ADDITIVES EUROPE

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### SPECIFICATION

Brightness	(ISO R457)	87.5 ± 1.0
+ 300 mesh	(mass % max.)	0.02
+ 10 µm	(mass % max.)	0.2
- 1 µm	(mass % min.)	77
Moisture	(mass % max.)	1.5
pH		5.5 ± 0.5

### TYPICAL PROPERTIES

Yellowness		4.2
Specific gravity		2.6
Surface area	(BET; m <sup>2</sup> /g)	16
Oil absorption	(g/100g)	46
Aerated powder density	(kg/m <sup>3</sup> )	320
Tapped powder density	(kg/m <sup>3</sup> )	570
Water soluble salt content	(mass %)	0.20
Chemical analysis by X-ray fluorescence		
SiO <sub>2</sub>	(mass %)	47
Al <sub>2</sub> O <sub>3</sub>	(mass %)	38

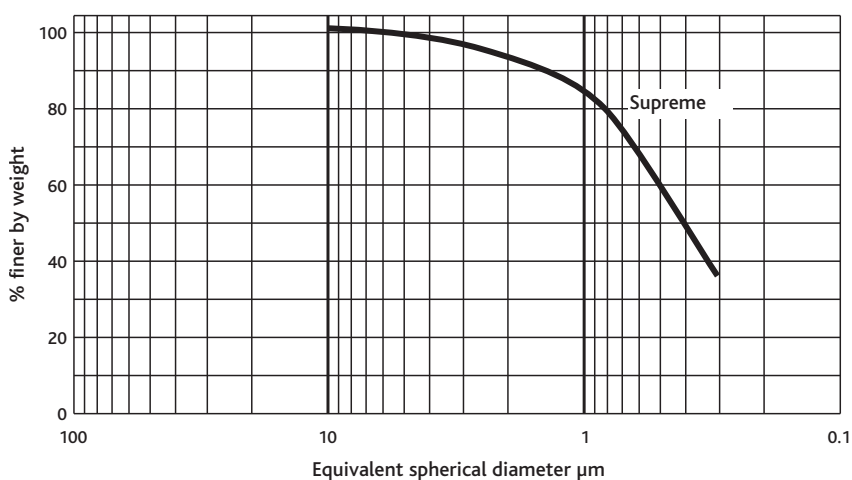
CAS No. 1332-58-7

EINECS No. 310-194-1



FM 14572

### TYPICAL PARTICLE SIZE DISTRIBUTION



*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.*



### DAT007K

March 2008 - Seventh Edition.  
This data sheet supersedes the data sheet dated January 2007.