

Supreme™

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

SPECIFICATION

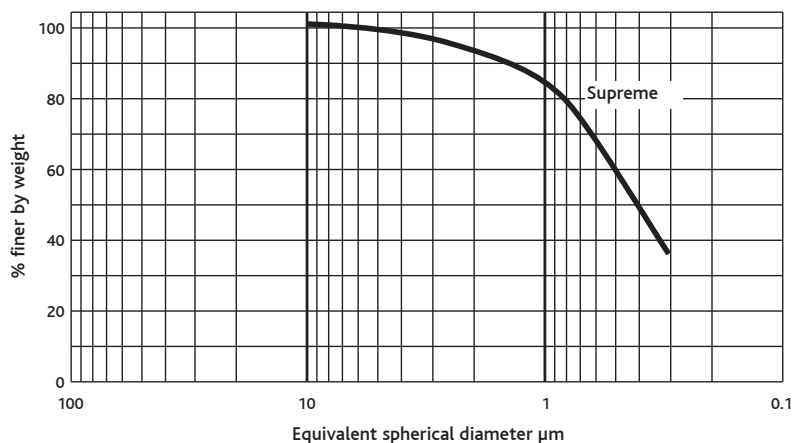
		Supreme
Brightness	(ISO R457)	87.5 ± 1.0
+ 300 mesh	(mass % max.)	0.02
+ 10 µm	(mass % max.)	0.2
- 1 µm	(mass % min.)	77 min
Moisture	(mass % max.)	1.5
pH		5.5 ± 0.5

TYPICAL PROPERTIES

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

CAS No. 1332-58-7

TYPICAL PARTICLE SIZE DISTRIBUTION GRAPH



DAT007K

January 2007
©IMERYS Minerals Ltd - 2007

Sixth Edition - This data sheet supercedes the data sheet dated June 2006

Supreme™ is a trademark of IMERYS Minerals Ltd



FM 14752
BS EN ISO 9001:2000

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

IMERYS

Par Moor Centre,
Par Moor Road, Par
Cornwall, England
PL24 2SQ
Tel: +44 1726 81 8000
Fax: +44 1726 81 1200

IMERYS is a business name of IMERYS Minerals Ltd

The data quoted are determined by the use of IMERYS 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