

PRODUCT INFORMATION



Omya Malaysia Sdn Bhd

Lot 6, Jalan Teluk Pulau 27/88
Section 27, 40000 Shah Alam
Selangor Darul Ehsan
Malaysia

Tel +603 5514 7111

Fax +603 5514 7100

www.omya.com

SM-600

PRODUCTION PLANT:

BERCHAM, Ipoh, Malaysia

SHORT DESCRIPTION OF THE PRODUCT:

Calcium carbonate powder with good dispersion properties, manufactured from selected high purity, white limestone.

CHEMICAL ANALYSIS OF THE RAW MATERIAL:

CaCO ₃	97.5	%
MgCO ₃	1.5	%
Fe ₂ O ₃	0.1	%
HCl insoluble content	0.9	%

PHYSICAL PROPERTIES OF THE RAW MATERIAL:

Density	2.7	g/ml
Refractive Index	1.59	
Hardness (Moh's scale)	3	

SPECIFIC PRODUCT DATA:

Fineness:		
· Residue on a 45µm sieve (ISO 787/7)	≤0.1	%
· Mean particle size (d50%)	5.7	µm
Whiteness:		
· Brightness (Ry, C/2°, DIN 53163)	95	%
Moisture ex works (ISO 787/2)	<0.3	%

GENERAL PRODUCT DATA:

Packed bulk density (ISO 787/11)	1.5	g/ml
pH value (ISO 787/9)	9	
VO absorption (ISO 787/5)	30	g/100g

MAIN APPLICATIONS:

Paints

- Emulsions
- Primers

Rubber

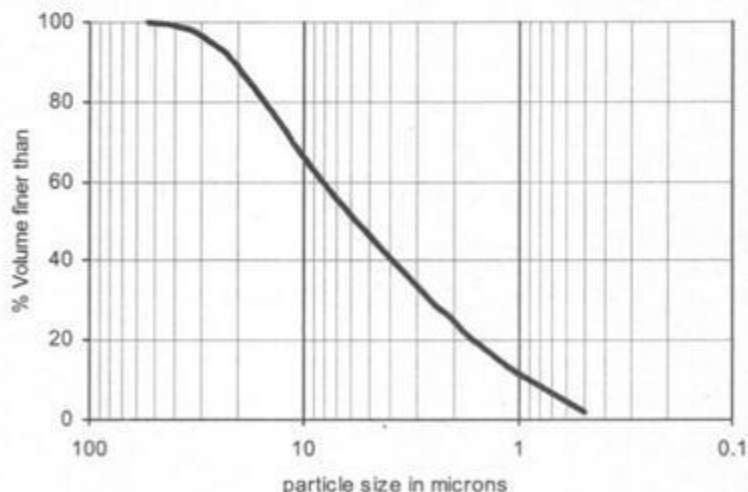
- Rubber compounds
- Elastomer compounds

Plastics

STANDARD PACKAGING:

- Bulk Bag
- Bag (paper) of 25kg on pallet

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000)



The information contained in this Product Information Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information provided herein is based on technical data that the company believes to be reliable, however the company makes no representation or warranty as to the completeness or accuracy thereof and assumes no liability resulting from its use or for any claims, losses, or damages of any third party. Recipients receiving this information must exercise their own judgement as to the appropriateness of its use, and it is the user's responsibility to assess the material's suitability (including safety) for a particular purpose prior to such use.

edition: 07.12.2011
version : 001