



**United co. for projects  
& technical advices**

**TECHNICAL DATA SHEET**

**UPTA 45**

**DESCRIPTION & APPLICATION**

**Natural, very fine, CALCIUM CARBONATE powder obtained from high purity, very white limestone with the highest technology. used in exterior emulsion paints, industrial paints , adhesive, solvent based and water based paints, paper and high gloss powder coatings ,etc**

**CHEMICAL ANALYSIS**

CaCO <sub>3</sub>	99.20%
MgCO <sub>3</sub>	0.20%
Fe <sub>2</sub> O <sub>3</sub>	0.01%
HCl insoluble content	0.20%

**SPECIFICATION PRODUCTION DATA**

**Fineness:**

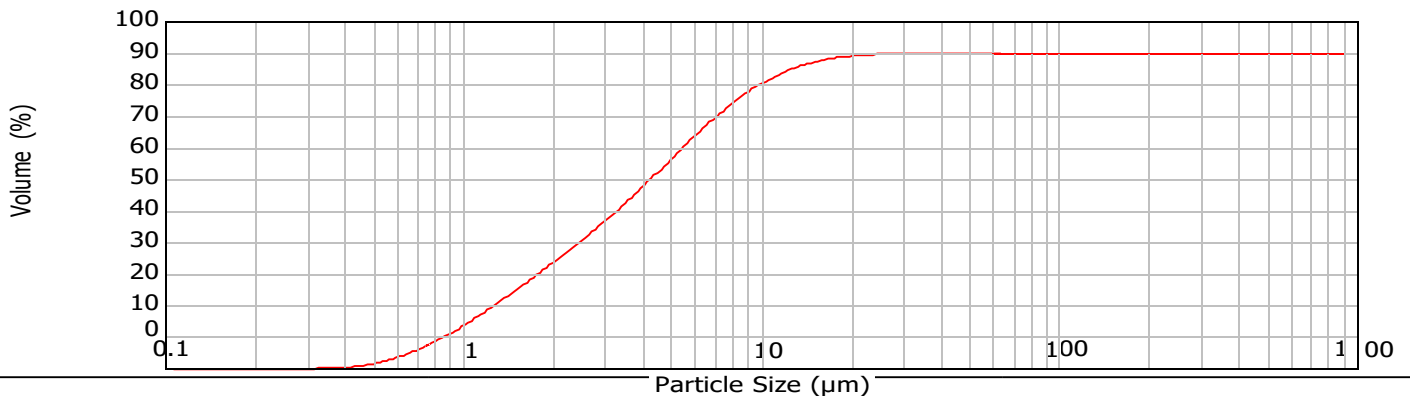
Residue on a 45 µm sieve	0.20%
Top cut (d97)	45µm
Mean particle size (d50)	4.8µm
Particles under 2µm	25%

whiteness	96,2%
Yellowness index	1.20%
Moisture ex works	0.20%
Hardness by Moh's	3 Moh's

**GENRAL PRODUCTION DATA**

bulk density	0.8 g/ml
pH value	9
Oil absorption	16.5g/100g

Particle Size Distribution



**The data in the Technical Data Sheet represents average values which are valid and reliable but not legally binding.UPTA will not be liable for any use of data, or any damages arising from the use of products for purposes not examined in detail. This Technical Data Sheet renders all previous versions invalid.**

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