

AROSHACARB® UM35

Applications & Description

UM35 is a fine particle size, high brightness calcium carbonated derived from pure limestone. It is characterized by its high whiteness. **UM35** is used in paper, Powder coating (glossy finish), water based paints, solvent based paints, protective paints, printing inks, adhesives and sealants.

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

Physical Characteristics

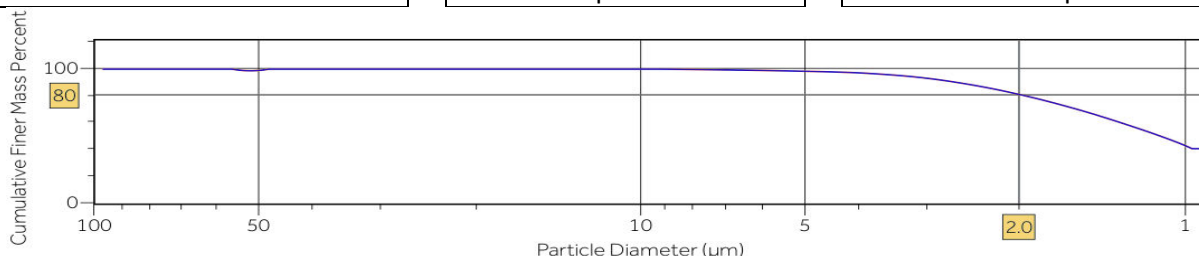
Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm ³
PH	9 (ISO 787/9)
Oil Absorption	35.0 ml/100g (ISO 787/5)
Bulk Density	0.45 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCO ₃	99%	MIN
MgO	0.20%	MAX
Fe ₂ O ₃	0.01%	MAX
Al ₂ O ₃	0.04%	MAX
SiO ₂	0.01%	MAX
Na ₂ O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1%	MAX

FINENESS

Particles < 2 µm	Main Particle Size (D50)	Top Cut (D98)
80 ± 1	1.2 µm MAX	3.7 ± 0.30 µm



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



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