

# AROSHACARB® UM12

## Applications & Description

iron casting,Steel production,paper making,Livestock and poultry feed,Construction and road construction ,Drilling oil and gas wells,Production of edible and medicinal lime,Paint and glue industry,Cable and wire industry ,Detergent industry,Health industry,Ceramic tile.

## RAW MATERIAL

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

## PACKAGING

25-30 kg ADS bag  
Big Bag  
Pallet and shearing

## Physical Characteristics

<b>Whiteness</b>	98 MIN (DIN 6174)
<b>Refractive index</b>	1.59%
<b>Hardness(Mohs)</b>	3.00
<b>Humidity</b>	0.2% MAX
<b>Density</b>	2.730 g/cm 3
<b>PH</b>	9 (ISO 787/9)
<b>Oil Absorption</b>	27 ml/100g (ISO 787/5)
<b>Bulk Density</b>	0.6 g/ml (ISO 787/11)
<b>Moisture</b>	0.2 %

## Chemical Analysis

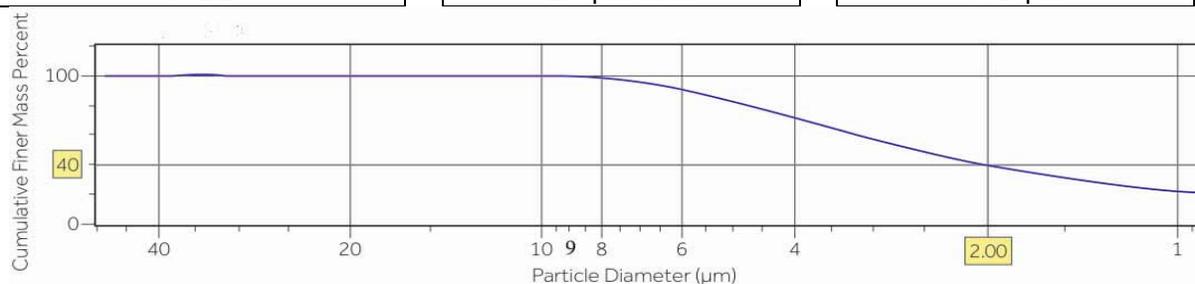
<b>CaCo3</b>	99%	MIN
<b>MgO</b>	0.20%	MAX
<b>Fe2O3</b>	0.01%	MAX
<b>Al2O3</b>	0.04%	MAX
<b>Si2O</b>	0.01%	MAX
<b>Na2O</b>	0.05%	MAX
<b>CaO</b>	56.06%	MAX
<b>L.O.I</b>	43.89%	MAX
<b>Insoluble content in Hcl</b>	0.1 %	MAX

## FINENESS

<b>Particles &lt; 2 µm</b>
40 ± 2

<b>Main Particle Size (D50)</b>
2.5 µm MAX

<b>Top Cut (D98)</b>
9+1 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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