



TECHNICAL DATA SHEET

MARBLE GROUND

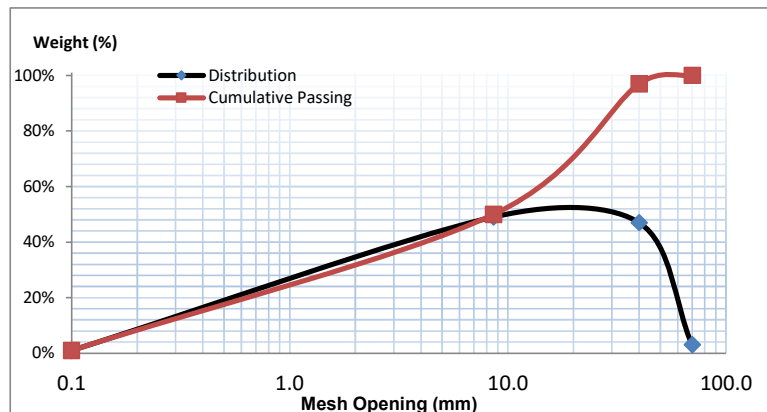
Marble-fine

General Properties

Marble ground from MAYN is a natural product that is extracted from quarries in Egypt. It is ground according to industry's requirements. Sieves are used to give particle size distribution (PSD). It is used in oil and gas drilling processes

Chemical Composition

IUPAC Name	Chemical Formula	Weight (%)
Calcium oxide	CaO	40.0%
Magnesium carbonate	MgCO ₃	30.0%
Silicon dioxide	SiO ₂	22.0%
Aluminum oxide	Al ₂ O ₃	3.0%
Iron (III) oxide	Fe ₂ O ₃	2.0%
Sodium oxide	NaO	2.0%
Magnesium oxide	MgO	2.0%



Physical Properties

Specific gravity	2.69 g/cm ³
Hardness (Moh's)	4
PH	< 7.0
D (97)	40 µM (Micron)
D (50)	8.6 µM (Micron)
Maximum size	70 µM (Micron)

Type of Packing

Jumbo bag	
PP bag 25 kg	
Particle Size Range	Weight (%)
0.00 – 8.60 µM	< 50.0%
8.60 – 40.0 µM	> 47.0%
40.0 – 70.0 µM	< 3.00%

Sieve	ISO-3310	Tyler	ASTM-E11	BS-410	DIN-4188	Cumulative Weight (%)
8.6 µM	8.6 Microns	-	-	-	0.0086 mm	50%
40.0 µM	40.0 Microns	-	-	-	0.0400 mm	97%
70.0 µM	70.0 Microns	-	-	-	0.0700 mm	100%

Marble ground is a prepared natural product. All data are approximate values and do not represent any warranty

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MAYN

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