



TECHNICAL DATA SHEET

MARBLE GROUND

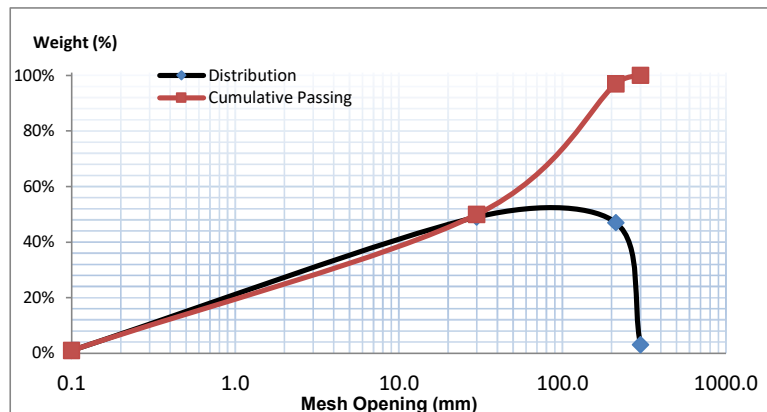
Marble-medium

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)	212 µM (Micron)
D (50)	30 µM (Micron)
Maximum size	300 µM (Micron)

Type of Packing

Jumbo bag	
PP bag 25 kg	
Particle Size Range	Weight (%)
0.00 – 30 µM	< 50.0%
30 – 212 µM	> 47.0%
212 – 300 µM	< 3.00%

Sieve	ISO-3310	Tyler	ASTM-E11	BS-410	DIN-4188	Cumulative Weight (%)
30 µM	30 Microns	-	-	-	0.030 mm	50%
212 µM	212 Microns	Mesh 65	No. 70	Mesh 72	0.212 mm	97%
300 µM	300 Microns	Mesh 48	No. 50	Mesh 52	0.300 mm	100%

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

November 2024

MAYN

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