



dimpomar
ROCHAS PORTUGUESAS, LDA.

MOLEANOS
(beige limestone)



GENERAL INFO

Material Type:	Limestone
Country of Origin:	PORTUGAL
Other Names:	
Petrographic Description:	N/A
Macroscopic Description:	N/A

PHISICAL-MECHANICAL PROPERTIES

Compression Breaking Load:	953 Kg/cm ²
Compression B.L. after Freezing Test:	1030 Kg/cm ²
Bending Strength:	105 Kg/cm ²
Volumetric Weigth:	2567 Kg/m ³
Water Absorption:	1,73 %
Apparent Porosity:	4,44 %
Thermal Linear Expansion Coefficient:	5,0 10 ⁻⁶ per °C
Abrasion Test:	4,2 mm
Impact Test:	40 cm
Freeze-Defreeze cycles (no alteration after):	48 cycles

MICROSCOPIC PROPERTIES

Calcite:	100 %
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CHEMICAL ANALYSIS

Al₂O₃:	0,27%
CaO:	55,69%
Fe₂O₃:	0,06%
K₂O:	0,04%
MgO:	0,26%
Na₂O:	0,05%
P.R.:	43,55%
SiO₂:	0,07%
CO₂:	43,98%