



**dimpomar**  
ROCHAS PORTUGUESAS, LDA.



**ROSA AURORA ROSA**  
(pink marble)

**GENERAL INFO**

<b>Material Type:</b>	Marble
<b>Country of Origin:</b>	PORTUGAL
<b>Other Names:</b>	
<b>Petrographic Description:</b>	N/A
<b>Macroscopic Description:</b>	N/A

**PHISICAL-MECHANICAL PROPERTIES**

<b>Compression Breaking Load:</b>	1110 Kg/cm <sup>2</sup>
<b>Compression B.L. after Freezing Test:</b>	1010 Kg/cm <sup>2</sup>
<b>Bending Strength:</b>	126 Kg/cm <sup>2</sup>
<b>Volumetric Weigth:</b>	2720 Kg/m <sup>3</sup>
<b>Water Absorption:</b>	0,1 %
<b>Apparent Porosity:</b>	0,2 %
<b>Thermal Linear Expansion Coefficient:</b>	12,2 10 <sup>-6</sup> per °C
<b>Abrasion Test:</b>	2,3 mm
<b>Impact Test:</b>	50 cm
<b>Freeze-Defreeze cycles (no alteration after):</b>	25 cycles

**MICROSCOPIC PROPERTIES**

<b>Calcite:</b>	~ 98 %	<b>Quartz:</b>	< 1 %
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**CHEMICAL ANALYSIS**

<b>Al<sub>2</sub>O<sub>3</sub>:</b>	0,67%
<b>CaO:</b>	52,43%
<b>Fe<sub>2</sub>O<sub>3</sub>:</b>	0,16%
<b>K<sub>2</sub>O:</b>	0,29%
<b>MgO:</b>	0,40%
<b>Na<sub>2</sub>O:</b>	0,07%
<b>P.R.:</b>	42,51%
<b>SiO<sub>2</sub>:</b>	3,00%