

# Micromar®

The grinded Micromar products marble products supplied by AYMAR S.A.U. are arid up to less than 1 mm in size, crushed from marble, a metamorphic rock composed of calcium and magnesium carbonates (calcite and dolomites).

## Application field

Suitable for industrial applications, from aggregates in mortars and concrete in construction to the basic chemical industry, through the manufacture of ceramics, glass, paints, to be used as white fillings, in refractory, as flux for iron and steel, as a regulator of acidity for agricultural soils and for animal feed.

## Geometric characteristics

Product	Aggregate size(EN 13139)	Granulometry (EN 12620:2002) Sieve opening (mm) – % Passing					Smallest category (EN 933-10)
		1mm	0,85mm	0,63mm	0,25mm	0,063mm	
Micromar® 250	0/1	100	-	95-99	85-95	50-60	5-f <sub>60</sub>
Micromar® 500	0/1	100	99-100	95-99	65-85	34-44	5-f <sub>44</sub>
Micromar® 800	0/1	100	99-100	90-99	48-68	16-26	4-f <sub>26</sub>

## Physical and chemical characteristics

Particle density	EN 1097-6	Mg/m <sup>3</sup>	2,8
Apparent density (not compacted)	UNE-EN 1097-3	Mg/m <sup>3</sup>	Micromar® 250: 1,50
			Micromar® 500: 1,57
			Micromar® 800: 1,69
Real density (compactad)	UNE-EN 1097-3	Mg/m <sup>3</sup>	Micromar® 250: 1,86
			Micromar® 500: 1,97
			Micromar® 800: 2,00
Quality of the ends. Equivalent in sand (SE)	EN 933-8	SE	>90
Forty of the ends. methylene Blue (MB)	EN 933-9	MB (g Azul /Kg )	1,33

Chloride content	EN 1744-1/7	% Cl	<0,01
Sulfate content	EN 1744-1/12	Category AS	AS <sub>0,2</sub>
Teneur in sulfur compounds	EN 1744-1/11	% S	<0,01
Light organic pollutants	EN 1744-1/14.2	% m <sub>1pc</sub>	0,00
Evaluation of Humus content (sodium hydroxide)	EN 1744-1/15.1	pattern color	Lighter
Mortar Fraguete Time Variation	EN 1744-1/15.3	min	+ 20
Variation of resistance to mortar compression	EN 1744-1/15.3	%	- 9,3
Solubility in water	EN 1744-1/16	WS	<0,25
Absorption of water	EN 1097-6	WA	< 1
Loss by calcination	EN 1744-1/17	%	40
Specific surface area	UNE-ISO 9277	m <sup>2</sup> /g	-
			Micromar® 500: 1,62
			Micromar® 800: 1,11

## Technical data

Storage	Store in a covered, dry and ventilated place.
Presentation	In bags of approximately 25 kg, in big-bag and in bulk.

For security instructions on the use, storage and elimination of the product, see the security data sheet available on the website of [www.aymarsa.es](http://www.aymarsa.es)

NOTE: The information on this technical file is based on our experience and tests carried out in specialized laboratories. The characteristics of the resulting product will depend on the preparation and correct application on the site by the user. If these conditions are not met, the above characteristics will not be achieved.



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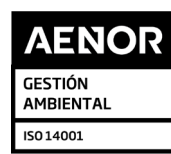
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ER-1277/2010



SST-006/2018



GA-2010/0955  
Mina "XALUXA"

