

TECHNICAL SHEET	MARBLE SHREDS	 UNE-EN 13139 UNE-EN 12620	Standard designation UNE 146901 AG-4/12-T-C
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Revision 01 - 27/04/2020

Granomar[®] 4/12

The Granomar 4 4/12 marble crushing supplied by AYMAR S.A.U. is a thick arid, smaller than 12mm in size, crushed with marble, metamorphic rock made up of calcium and magnesium carbonates (calcites and dolomies).

Application field

Ideal as arid in concrete under construction and for use in terrazas, coatings, sports pavements and decoration.

Geometric characteristics

Product	Size (EN 13139)	Granulometry (EN 12620) Sieve opening (mm) – % Passing						Granulometric distribution(EN 12620)	Fine category (EN 933-10)
		16mm	12,5mm	8mm	4mm	2mm	0,063mm		
Granomar [®] 4/12	4/12	100	90-99,9	25/55	0-15	0-5	0-1,5	GC90/15 - GT15	f1,5

Physical and chemical characteristics

Particle density	EN 1097-6	Mg/m ³	2,8
Shape of particles. Lajas Index	EN 933-3	Categ. FI	FI ₁₅
Resistance to fragmentation. Los Angeles Coefficient	EN 1097-2	Categ. LA	LA ₃₀
Resistance to wear. Micro-Deval Coefficient	EN 1097-8	Categ. M _{DE}	NPD
Pulse resistance. Accelerated Pulse Coefficient	EN 1097-8	Categ. CPA	CPA ₃₀
Quality of the ends. Arena Equivalent (SE)	EN 933-8	SE	>90
Quality of the ends. methylene Blue (MB)	EN 933-9	MB (g Azul /Kg)	1,33
Contained in chlorides	EN 1744-1/7	% Cl	<0,01
Sulfate content	EN 1744-1/12	Categoría AS	AS _{0,2}
Contained in sulfur compounds	EN 1744-1/11	% S	<0,01
Light organic pollutants	EN 1744-1/14.2	% m _{1pc}	0,00
Determination of the content in Humus (Sodio Hydrox)	EN 1744-1/15.1	Color respecte patró	Más claro
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
Water absorption	EN 1097-6	WA	< 1
Loss by calcination	EN 1744-1/17	%	40

Technical data

Storage	Store in a covered, dry and ventilated place.
Presentation	In 25 Kg bags. approx., big-bag and bulk

To know the security precautions in the occupation, storage and elimination of the product, consult the Security Datasheet available on the website www.aymarsa.es

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



Factory and Office

Ctra. C-35, Km 58 · Ap. correos núm.1
08470 SANT CELONI (Barcelona)

Tel. (+34) 93 867 00 00

aymar@aymarsa.es
www.aymarsa.es

