

# SPORTS SURFACES

DATA SHEET

## EPDM GRANULE

### Granules for synthetic flooring

#### CHARACTERISTICS

EPDM Granule is a rubber granule compound consisting of special polymers that ensure elasticity and UV. ray resistance. That is why EPDM Granule is used to realise beautiful sports flooring such as multi-purpose courts, bocce courts, tennis courts, athletic tracks and shockproof flooring for schools, parks, playgrounds etc. EPDM Granule is generally packed onto self-levelling polyurethane resins or mixed with a single-component polyurethane binder (neutral or coloured).

#### PRODUCT DESCRIPTION

Colours	Red, green, light blue and other on request. The technical values are valid in general for all the EPDM granules in the colour range.
Raw material	EPDM - rubber compound
Polymer contents	Approx. 22 %
Grading	0,5 mm - 1,5 mm and 1 - 4 mm

#### PERCENTAGE SUBDIVISION OF THE GRANULE (%)

GRANULOMETRY 0.5 – 1.5		GRANULOMETRY 1 – 4 MM	
0,0 - 0,5 mm	3	0,0 – 1,4 mm	2
0,5 - 1,0 mm	12	1,4 – 2 mm	24
1,0 - 1,5 mm	61	2 – 2,5 mm	39
> 1,5 mm	24	2,5 – 3,15 mm	28
Variation	± 7%	3,15 – 3,55 mm	6
		> 3,55	1
		Variation	± 7%

#### CHARACTERISTICS

	Characteristic 0,5 – 1,5 mm	Characteristic 1 – 4 mm
Tensile strength	approx. 6,5 N/mm <sup>2</sup>	approx. 6 N/mm <sup>2</sup>
Elongation at break	approx. 650 %	approx. 650 %
Shore A hardness	62 ± 5	62 ± 5
Specific weight	1,57 ± 0,04 Kg/dm <sup>3</sup>	1,57 ± 0,04 Kg/dm <sup>3</sup>
Apparent specific weight	approx. 590 gr/l	approx. 660 gr/l
Compressed	approx. 670 gr/l	approx. 740 gr/l

The data provided by these data sheets are approximate and the Company reserves the right to modify the same for technical reasons, without prior notice. The solutions proposed do not represent all the possible uses but are merely case studies deriving from Casali's installation experience and are therefore intended only for purposes of illustration. The user is exclusively responsible for the way the products illustrated are used, whether properly or improperly, for evaluating in advance the suitability or otherwise of the product for its requirements and exerting the utmost caution in handling chemical products. **Important: to ensure best colour uniformity of surface laid products, we recommend that you use materials from the same production lot as finishing layer. The Technical Office of Casali's Synthetics Division is at your complete disposal for any further specific information or explanations you may require (phone 071 9162095).**

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