SPORTS & PLAY SURFACES · EPDM

EPDM Colour Granules

Coloured EPDM rubber granules for sports and playground surfaces

COLOURS
RAL range
see colour chart below

1.54 g/cm³	> 22 %	0.5–4 mm	> 5 MPa	Flame-retardant
Density (TS EN 1183)	Polymer content	Grain sizes	Tensile strength	TS EN 13501-1

Product description

EPDM COLOUR GRANULES are coloured, flame-retardant EPDM rubber granules for poured and broadcast sports surfaces, athletics tracks and children's playgrounds. They are supplied in four grain-size ranges and a wide RAL colour range.

Application areas

- Athletics tracks and multi-sports courts
- Children's playgrounds and safety surfaces
- Poured EPDM and broadcast PU sports systems

Advantages

- Wide range of RAL colours
- Four grain-size ranges
- Flame-retardant – TS EN 13501-1
- EN 71-3 toy safety compliant
- AfPS GS 2019:01 category 1
- Shore A 74 – elastic and durable

Position in the system

EPDM wearing layer — THIS PRODUCT
EPDM COLOUR GRANULES · 0.5–4 mm

SBR base layer
SBR granules + PU binder

Substrate
Asphalt / concrete

Sports & play surfaces

Coloured wearing layer for poured and broadcast systems

EN 71-3 · AfPS GS 2019:01
Environmental & health tests passed

DIN 18035-7, DOC and heavy-metal requirements fulfilled.

Technical data (at +20 °C)

Density	1.54 g/cm³ (TS EN 1183)	Polymer base	EPDM
Polymer content	approx. > 22 % (TS EN ISO 3451-1)	Grain sizes	0.5–1.5 · 0.5–2.5 · 1–3.5 · 1–4 mm
Hardness	Shore A 74 (TS ISO 48-4)	Flame retardance	TS EN 13501-1 + A1:2013
Tensile strength	> 5 MPa (TS EN ISO 527-1)	EN 71-3	Fulfils toy safety migration limits
Elongation at break	> 1014 % (TS EN ISO 527-4)	AfPS GS 2019:01	Category 1 – can be used safely

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Application procedure

01

Grain size

Select 0.5–1.5, 0.5–2.5, 1–3.5 or 1–4 mm according to the system and the desired surface texture.

02

Poured systems

Mix with a suitable polyurethane binder (e.g. L'unicflex UNIPU 030 1K) and lay as the coloured wearing layer.

03

Broadcast systems

Or broadcast into a fresh PU elastic layer (e.g. L'unicflex MULTI) for a textured, slip-resistant finish.

04

Storage

Keep dry at +5…+25 °C, out of direct sunlight; do not stack pallets.

Grain sizes
0.5–4 mm
Four sieve ranges: 0.5–1.5 · 0.5–2.5 · 1–3.5 · 1–4 mm.

Health & safety
EN 71-3
Toy-safety migration limits and AfPS GS 2019:01 category 1.

Fire behaviour
TS EN 13501-1
Flame-retardant material, + A1:2013.

Important: printed colours are approximate – please refer to physical granule samples for colour approval.

Available colours

RAL 3016 · RAL 1012 · RAL 1013 · RAL 9004 · RAL 6011
RAL 1006 · RAL 8024 · RAL 1001 · RAL 7035 · RAL 6000
RAL 6025 · RAL 5024 · RAL 3017 · RAL 1003 · RAL 4005
RAL 6017 · RAL 2004 · RAL 5017 · RAL 2007 · RAL 5014
RAL 5015 · RAL 5019 · RAL 1015

RAL references of the standard EPDM colour range. Printed colours are approximate.

Storage

- Store dry at +5…+25 °C.
- Do not store under direct sunlight.
- Do not stack pallets on top of each other.

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