



EPDM Coloured Rubber Granules

Virgin Coloured EPDM Granules

Pack Size-50Kgs

TDS Technical Data Sheet



Product Overview

Carbolink EPDM Coloured Rubber Granules are high-quality, virgin EPDM rubber granules designed for various applications, including wet pour coloured playground flooring, flexible multipurpose outdoor courts, and running track systems. These granules offer excellent durability, UV resistance, and vibrant colours.

Key Features

- High tensile strength
- Excellent elongation at break
- Optimal hardness
- Consistent specific gravity

Recommended Uses

Carbolink EPDM Coloured Rubber Granules are used for:

- Wet pour coloured playground flooring
- Flexible multipurpose outdoor courts (10-20 mm thickness)
- Running track systems, including Sandwich and Spraycoat systems
- Infill for artificial synthetic turf
- Production of EPDM rubber tiles or rolls
- Loose lay applications such as EPDM mulch

Technical Specifications

- Type of Material: Rubber EPDM
- Grain Size: 0.5-1.5 mm, 1-3.5 mm, 1-4 mm, EPDM dust

Performance of Sample with 22% EPDM Content:

- **Tensile Strength (N/mm²):** >1 (ASTM D412-6)
- **Elongation at Break (%):** >800 (ASTM D412-6)
- **Hardness (Shore A):** 65 (ASTM D2240-15)
- **Specific Gravity (kg/m³):** 1.51 ± 0.05 (ASTM D792-20)

Remarks

- In hot climates, UV-resistant topcoat PU RC WB (2K) is used for solid UV protection and colour stability.
- For sprayed-coated running track systems, use PU RC WB (2K)/(1K) UV-resistant coating for non-red colours.
- Long-term colour stability can be achieved with UV-resistant polyurethane aliphatic coating.

- Technical data provided are to the best of our knowledge and do not constitute a legal guarantee of quality.
- Choose the correct type of PU binder based on the type and colour of the EPDM rubber granules.

Pack Size

50kg



Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.