# TECHNICAL DATA SHEET

## GEZOFLEX eco

Grain size 1.0 - 4.0 mm

### > 90 % sustainable raw materials – 0 % performance loss

GEZOFLEX eco is the first sustainable EPDM granule for sports and leisure flooring. What makes it special is its composition with a proportion of > 90 % sustainable raw materials. Among other things, 34 % of the organic carbon (TOC, USDA BioPreferred® program) and 45 % of the total carbon (TC) contained are proven to be renewable (acc. to ASTM D6866 – C14 radiocarbon method). In addition, the sulphur cross-linked material is based on a sustainable EPDM rubber (Ethylene Propylene Diene Terpolymer) together with sustainable compound additives of highest quality. Typical applications are athletic tracks and multisport surfaces, playground safety surfaces, prefabricated slabs and rolled goods for various surfacing solutions. The granules can be processed like any conventional EPDM granules with a one or two component polyurethane binder or coating.

### Color range

GEZOFLEX eco is available in the colors 062 Red, 064 Blue and 067 Green. Other colors on request.

### Available grain sizes

GEZOFLEX eco is primarily available in a grain size of 1.0 - 4.0 mm. Other grain sizes on request.

### Packaging

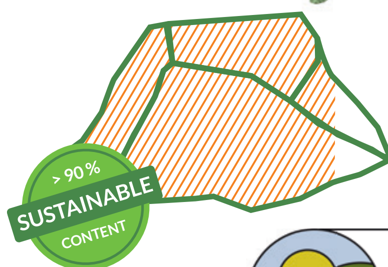
25 kg PE-bags, on a 1'000 kg one-way wooden pallet (40 bags). Alternatively available on demand in 1'000 kg big bags.

### Storage / handling

Keep material dry at all times and out of direct UV radiation while stored. Please respect all further product information before using this product. In order to compensate for minor color deviations (due to natural ingredients), it is recommended to mix material from different batches with one another during installation.

### Quality and environmental management

GEZOLAN is certified in quality and environmental management for the "Development and production of rubber granules and trade in elastic flooring systems made of rubber" in accordance with the requirements of ISO 9001:2015 (quality management system) and ISO 14001:2015 (environmental management system).




USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 34%

### Typical fields of application

Track & Field

Playgrounds

Sport & Leisure

Fitness

Commercial & Retail

Residential Outdoor Areas

### Typical types of flooring

GEZOFLEX eco can be processed with one- or two-component polyurethane binders or coatings. It is ideally suited for use in the following types of flooring:

In situ

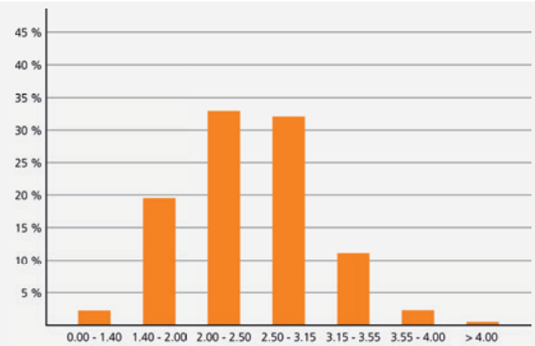
Rolled goods

Slabs / Molded parts

GEZOFLEX eco

## Product properties

| General properties | Typical value |
|---|---|
| Raw material composition | > 90 % sustainable raw materials |
| Sustainable properties of raw materials used | Biogen · Renewable · Negative $CO_2$ emissions<br>Biobased · Mass balanced · Careful extraction methods |
| Base polymer | Sustainable EPDM (Ethylene Propylene Diene Terpolyme) |
| Polymer content | > 20 % (sustainable EPDM as the only polymer) |
| Grain shape | Angular cut |
| Grain size | 1.0 - 4.0 mm[1] |
| Grain size distribution | |




[1] other grain sizes on request

| Physical properties | Test method | Typical value |
|---|---|---|
| Tensile strength | DIN 53504 | > 5 MPa |
| Elongation at break | DIN 53504 | > 800 % |
| Hardness | DIN ISO 7619-1 | 65 ± 5 Shore A |
| Density | DIN EN 1183-1 | 1,6 g/cm³ |
| Bulk density | DIN EN ISO 60 | 630 g/l |

| Environmental and health properties | Requirement | Pass |
|---|---|---|
| Polycyclic aromatic hydrocarbons (PAHs) | REACH Reg. (EC) 1907/2006, Annex XVII entry 50 | ✓ |
| | AfPS GS 2019:01 Cat. 1 | ✓ |
| Migration of certain elements | EN 71-3 Safety of toys | ✓ |
| Heavy metal leaching | DIN 18035-6 / DIN 18035-7 | ✓ |