



TECHNICAL DATA SHEET

GEZOFLEX 1040
Grain size 1.0 - 4.0 mm

Introduction

The colored GEZOFLEX EPDM rubber granules are manufactured in Switzerland and in the USA. The sulphur cross-linked material is based on an EPDM rubber (Ethylene Propylene Diene Terpolymer) together with handchosen 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 with a one or two component polyurethane binder or coating.

Color range

As per current color range. Please see separate color sheet for detailed information. Special colors on demand.

Quality

GEZOLAN introduced and follows a management system for the „Development and production of rubber granules and trade in elastic flooring systems made of rubber“ according to ISO 9001:2015 Quality Management.

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 storing. 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.



Typical fields of application

Track and field



Playgrounds



Multipurpose



Fitness



Tennis courts



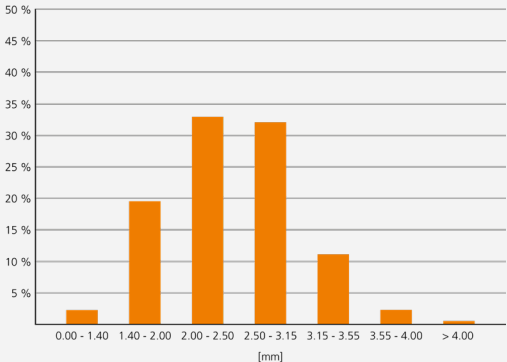
Water parks and pools



Product properties

General properties

Typical value

Base polymer	EPDM (Ethylen Propylen Diene Terpolymer)
Polymer content	> 20 % (only EPDM)
Grain shape	Angular cut
Grain size	1.0 - 4.0 mm ¹
Grain size distribution	

Physical properties

Test method

Typical value

Tensile strength	DIN 53504	> 6 MPa
Elongation at break	DIN 53504	> 600 %
Hardness	DIN ISO 7619-1	65 ± 5 Shore A
Density	DIN EN 1183-1	1.6 g/cm ³
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	✓

¹ other grain sizes on request

Disclaimer

The data included in this document are indicative values subject to manufacturing tolerances. It remains the duty of the user to check the suitability of the product for its intended use and to ensure that the goods are suitable in terms of shape and quality for the intended purpose. The available data support the user in deciding whether the products are suitable for the intended purpose. We warrant that our products will meet the written specifications within the tolerances indicated.