

TECHNICAL DATA SHEET



Product name	Revised
GENAN COATED TOP LAYER EARTH BROWN	01.07.2023

Product description
Free-flowing, homogeneous and uniform rubber granulate, derived from end-of-life tyres through granulation and cleaning - and colour-coated with inert, non-toxic pigments and polyurethane binder.

Contact Data of Manufacturer						
Plant:	Genan A/S Jegindøvej 16 DK-8800 Viborg Denmark	Genan GmbH Gottlieb-Daimler Straße 34 D-46282 Dorsten Germany	Betriebsstätte Oranienburg: Birkenallee 80 D-16515 Oranienburg Germany	Betriebsstätte Kammlach: Im Gewerbepark Unterallgäu 1 D-87754 Kammlach Germany	Genan, S.A. Lugar da Pardala Estrada Nacional 109, Km 31 PT-3880-728 São João de Ovar Portugal	Genan Inc. 18038 Beaumont Hwy. Houston TX77049 USA
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Typical properties				
Properties	Test methods	Unit	Specification	Typical values
Specific density	ASTM D1817-05 (2021)	kg/m ³	1.100-1.200	1.160
CIELAB colour code (Note 2)	EN ISO/CIE 11664-4:2019 Colorimetry - Part 4: CIE 1976 L*a*b* Colour space	n/a	L*: 23,00 a*: 5,50 b*: 4,50 ΔE < 3	L*: 23,00 a*: 5,50 b*: 4,50 ΔE < 2
Bulk density	EN 1097-3:1998	kg/m ³	480 ±8%	480
Particle size range	ISO 13322-2:2021	mm	2.0-4.0	2.0-4.0
Total polymer content (RCH)	ISO 9924-1:2023	%	> 50	50
Ash content	ISO 9924-1:2023	%	< 20	8
Moisture content (Loss: 2h @ 105°C)	ASTM D1509-15	%	< 1	< 1
Free metal content	OA-698; (Note 1)	%	< 0,004	< 0,002
Free fibre content	OA-698; (Note 1)	%	< 0,002	< 0,001
Other contamination	OA-698; (Note 1)	%	< 0,004	< 0,002
Inhalable dust classification	EN 15051-2:2013+A1:2016	n/a	Very low to low	Very low
PAH 8 REACH	AfPS GS 2019:01 PAK	mg/kg	< 20	< 15

Note 1: Non-standardized test method "Determination of bulk density and free impurities in rubber powder and granulate", which your Genan representative will forward upon request. This test method is chosen as values obtained from the use of ASTM D5603 are below the detection limits.

Note 2: L*a*b* colour code defined with a Konica Minolta CM5 spectrophotometer.

Remarks	
PAH 8 REACH	A material sample has been extracted in accordance with EN 17409:2019, and the result is presented as a moving average of the 4 most recent analyses.
Content of chemical substances	GENAN COATED TOP LAYER complies with DIN 18035-7:2019, EN 71-3:2019_Safety of Toys - Part 3, ASTM F3188-16 and SVHC limits as specified in the REACH candidate list (potential candidate substances included).
Particle size distribution	Information on the actual particle size distribution is available on the relevant sieve curves, which can be downloaded from the Genan website. Alternatively, our sales department can forward upon request.
Agglomeration	GENAN COATED TOP LAYER may due to its physical properties - and depending on weather / storage conditions - have a tendency to cake over time. Storage as recommended in section 7.2 of the safety data sheet for this product.
Colour difference from batch to batch	GENAN COATED TOP LAYER may vary slightly in colour from batch to batch. This despite the fact that all batches comply with CIELAB specifications. Genan thus advises installers to pre-mix, if colour-coated material from different batches is to be used for the same installation. Please contact your local Genan representative for further clarification if needed.
Abrasion resistance	GENAN COATED TOP LAYER is a colour-coated product. As friction may cause colour-coating wear-off, it should be anticipated that the product will gradually lose its colour during use. Do not apply chemicals and/or abrasives, as such products will result in the fading or rub-off of the colour-coating. Take note that colour may rub off onto clothing, shoes or similar items.
Cleaning & maintenance	Moulded surfaces made from GENAN COATED TOP LAYER mixed with a polyurethane binder must be swept clean on a regular basis; and depending on the intensity of use, reapplication of topcoat binder is a must to protect colour fastness. Please contact your local Genan representative for clarification if needed.
Health & Safety	Guidelines on health and safety are stated in the relevant Safety Data Sheet, which can be downloaded from the Genan website. Alternatively, our sales department can forward upon request.

Characteristics stated are typical for the product. The product is derived from a large number of different tyres; consequently, Genan cannot give any exact values on the chemical composition of the material. The above-mentioned characteristics and values have been prepared to the best of our knowledge, and Genan shall not be liable for any insufficiency or inaccuracy in such information.

CERTIFICATIONS	Genan A/S	Genan GmbH	Genan Inc.	Genan, S.A.
	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015
	ISO 14001:2015	ISO 14001:2015	ISO 14001:2015	ISO 14001:2015
	ISO 45001:2018	ISO 45001:2018	ISO 45001:2018	ISO 45001:2018
	ISO 50001:2018	ISO 50001:2018	ISO 50001:2018	ISO 50001:2018