

TECHNICAL DATA SHEET



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| Product name | Revised |
| GENAN COATED TOP LAYER OCEAN BLUE | 01.10.2024 |

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 | | | | | | |
|------------------------------|---|---|--|---|--|---|
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| Typical properties | | | | |
|-----------------------------|---|-------------------|--|--|
| Properties | Test methods | Unit | Typical values | Specification |
| Specific density | ASTM D1817 | kg/m ³ | 1160 | 1100-1200 |
| CIELAB colour code (Note 1) | EN ISO/CIE 11664-4 Colorimetry – Part 4: CIE 1976 L*a*b* Colour space | n/a | L*: 28,00 a*: -7,50 b*: -18,50 ΔE < 2 | L*: 28,00 a*: -7,50 b*: -18,50 ΔE < 3 |
| Bulk density | EN 1097-3 | kg/m ³ | 480 | 480 ±8% |
| Particle size range | ISO 13322-2 | mm | 2,0-4,0 | 2,0-4,0 |
| Total polymer content (RCH) | ISO 9924-1 | % | 50 | > 50 |
| Ash content | ISO 9924-1 | % | 8 | < 20 |
| Impurities | EN14243-2 | % | < 0,008 | < 0,01 |
| PAH 8 REACH | AfPS GS 2019:01 PAK | mg/kg | < 15 | < 20 |

Note 1: 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, 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, EN 71-3_Safety of Toys – Part 3, ASTM F3188 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. |
| Impurities | GENAN COATED TOP LAYER is a recycled product manufactured with end-of-life tyres as feedstock. Free impurities in the form of metal, textile, minerals, small stones, plastic and wood may thus occur. |
| 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

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018

Genan GmbH

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018

Genan Inc.

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018

Genan, S.A.

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018