

TECHNICAL DATA SHEET



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| Product name | Revised |
| GENAN COATED TOP LAYER VIOLET | 01.05.2022 |

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 | Specification | Typical values |
| Specific density | ASTM D1817-05(2016) | kg/m ³ | 1.100-1.200 | 1.160 |
| CIELAB colour code (Note 2) | EN ISO 11664-4 "Colorimetry - Part 4: CIE 1976 L*a*b* Colour space" | n/a | L*: 29,00 a*: 13,00 b*: -6,50 ΔE < 3 | L*: 29,00 a*: 13,00 b*: -6,50 ΔE < 2 |
| Bulk density | EN 1097-3:1998 | kg/m ³ | 490 ±8% | 490 |
| Particle size range | ISO 13322-2:2006 | mm | 2,0-4,0 | 2,0-4,0 |
| Total polymer content (RCH) | ISO 9924-3:2009 | % | > 40 | 45 |
| Ash content | ISO 9924-3:2009 | % | < 15 | 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 | | 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 an annually calibrated Konica Minolta CM5 spectrophotometer.*

| Remarks | |
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| DIN 18035-7:2019 | GENAN COATED TOP LAYER complies with all requirements in relation to migration according to DIN 18035-7:2019. |
| EN 71-3:2019 | GENAN COATED TOP LAYER complies with all requirements according to EN 71-3:2019_Safety of Toys - Part 3: Migration of certain elements. |
| 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. |
| Particle size distribution | Information on the actual particle size distribution is available on the relevant sieve curves, which may be downloaded from the Genan website at any time. |
| Abrasion resistance | GENAN COATED TOP LAYER is a colour-coated product. As friction will 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. |
| Health & Safety | Guidelines on health and safety are stated in the relevant Safety Data Sheet, which may be downloaded from the Genan website at any time. |

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 |