

TECHNICAL DATA SHEET



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| Product name | Revised |
| GENAN COARSE POWDER | 01.12.2021 |

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| Product description |
| Free-flowing, homogeneous and uniform, black rubber powder derived from end-of-life tyres through granulation and cleaning. |

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| 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 |
| Tel: | +45 8728 3000 | +49 2362 9527 0 | +49 3301 578 0 | +49 8261 7369 0 | +351 256 580 600 | +1 713 6748500 |
| Fax: | | +49 2362 9257 150 | +49 3301 578 150 | +49 8261 7369 150 | | +1 713 6748501 |
| E-mail: | info-dk@genan.com | info-de@genan.com | | | info-pt@genan.com | info-us@genan.com |

| Typical properties | | | | |
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| Properties | Test methods | Unit | Specification | Typical values |
| Specific density | ASTM D1817-05(2016) | kg/m ³ | 1.100-1.200 | 1.160 |
| Bulk density | EN 1097-3:1998 | kg/m ³ | 355 ±8% | 355 |
| Particle size range | ISO 13322-2:2006 | mm | 0,5-0,8 | 0,5-0,8 |
| Total polymer content (RCH) | ISO 9924-3:2009 | % | ≥ 40 | 45 |
| Ash content | ISO 9924-3:2009 | % | < 15 | 8 |
| Carbon black | ASTM D 297, 38-39 | % | 25-40 | 32-36 |
| Acetone extractable | ASTM D 297, 17-19 | % | 10-20 | 11-17 |
| 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 |
| Content of coloured rubber particles | OA-698; (Note 1) | % | ≤ 0,1 | < 0,04 |
| PAH 8 REACH | AfPS GS 2019:01 PAK | mg/kg | ≤ 20 | < 15 |
| <i>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.</i> | | | | |

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| 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. |
| 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. |
| Other contamination (than steel & textile fibres) | GENAN COARSE POWDER is a recycled product manufactured with end-of-life tyres as feedstock. Free impurities in the form of minerals may thus occur. |
| 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.

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| CERTIFICATIONS | Genan A/S ISO 9001:2015 ISO 14001:2015 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 | Genan, S.A. ISO 9001:2015 |
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