

TECHNICAL DATA SHEET



Product name	Revised
GENAN MEGA COARSE	04.11.2020

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

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 Kammach: Im Gewerbepark Unterallgäu 1 D-87754 Kammach 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					
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	520 ±8%	520	
Particle size range	ISO 13322-2:2006	mm	3,0-7,0	3,0-7,0	
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	
Content of coloured rubber particles	OA-698; (Note 1)	%	≤ 0,1	< 0,04	
Other contamination	OA-698; (Note 1)	%	≤ 0,004	≤ 0,002	
Inhalable dust classification	EN 15051-2:2013		Very low to low	Very low	
PAH 8 REACH	AfPS GS 2014:01 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 5603 are below the detection limits.</i>					

Remarks	
DIN 18035-7:2014-10	GENAN MEGA COARSE complies with all requirements in relation to migration according to DIN 18035-7:2014-10.
EN 71-3 + A1:2014	GENAN MEGA COARSE complies with all requirements according to EN 71-3 + A1:2014_Safety of Toys – Part 3: Migration of certain elements.
ASTM F3188-16	GENAN MEGA COARSE complies with all requirements according to ASTM F3188-16_Standard Specification for Extractable Hazardous Metals in Synthetic Turf Infill
PAH 8 REACH	A material sample has been extracted in accordance with prEN 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.
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
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