TECHNICAL DATA SHEET

genan

Product name	Revised
GENAN ULTRA COARSE	01.03.2017

Product description

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

Contact Data of Manufacturer

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Typical properties

Properties	Test methods	Unit	Specification	Typical values
Specific gravity	ASTM D1817-05(2016)	kg/m3	1.100-1.200	1.160
Bulk density	EN 1097-3:1998	kg/m3	490 ±8%	490
Particle size range	ISO 13322-2:2006	mm	2,0-6,0	2,0-6,0
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		Very low to low	Very low
EOX	EN ISO 9562:2005-02	mg/kg	≤ 100	≤ 20
DOC	EN 1484:1997	mg/l	≤ 50	≤ 30
Pb (in hydrous eluate)	EN ISO 11885:2009	mg/l	≤ 0,025	≤ 0,02
Cd (in hydrous eluate)	EN ISO 11885:2009	mg/l	≤ 0,005	≤ 0,001
Chrom total (in hydrous eluate)	EN ISO 11885:2009	mg/l	≤ 0,05	≤ 0,008
Chrom VI (in hydrous eluate)	EN ISO 11885:2009	mg/l	≤ 0,008	≤ 0,008
Hg (in hydrous eluate)	EN ISO 12846:2012	mg/l	≤ 0,001	≤ 0,001
Sn (in hydrous eluate)	EN ISO 11885:2009	mg/l	≤ 0,04	≤ 0,02
Zn (in hydrous eluate)	EN ISO 11885:2009	mg/l	≤ 0,5	≤ 0,2
PAH 8 REACH	AfPS GS 2014:01 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 5603 are below the detection limits.

Remarks

Particle size distribution:	Information on the actual particle size distribution is available on the relevant sieve curves, which your Genan representative will forward upon request.
Health & Safety:	Guidelines on health and safety are stated in the relevant Safety Data Sheet, which your Genan representative will 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.