

TECHNICAL DATA SHEET



Product name	Revised
GENAN SAFE 10	19.11.2018

Product description
 Homogeneous pellets made from rubber powder, derived from end-of-life tyres through granulation and cleaning. As pellets are uniform in size, the material compacts only slightly when laid (mixed with polyurethane binder). The result is high elasticity and low consumption of PU.

Contact Data of Manufacturer					
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Typical properties				
Properties	Test methods	Unit	Specification	Typical values
Specific gravity	ASTM D1817-05(2016)	kg/m ³	1.100-1.200	1.160
Bulk density	EN 1097-3:1998	kg/m ³	570 ±8%	570
Pellet size range: d10 - D90	ISO 13322-2:2006	mm	7,0-12,0	10
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	%	≤ 3	≤ 1
EOX	cc. DIN 18035-7; Tab. B.	mg/kg	≤ 100	≤ 20
DOC	cc. DIN 18035-7; Tab. B.	mg/l	≤ 50	≤ 30
Pb (in hydrous eluate)	cc. DIN 18035-7; Tab. B.	mg/l	≤ 0,025	≤ 0,02
Cd (in hydrous eluate)	cc. DIN 18035-7; Tab. B.	mg/l	≤ 0,005	≤ 0,001
Chrom total (in hydrous eluate)	cc. DIN 18035-7; Tab. B.	mg/l	≤ 0,05	≤ 0,008
Chrom VI (in hydrous eluate)	cc. DIN 18035-7; Tab. B.	mg/l	≤ 0,008	≤ 0,008
Hg (in hydrous eluate)	cc. DIN 18035-7; Tab. B.	mg/l	≤ 0,001	≤ 0,001
Sn (in hydrous eluate)	cc. DIN 18035-7; Tab. B.	mg/l	≤ 0,04	≤ 0,02
Zn (in hydrous eluate)	cc. DIN 18035-7; Tab. B.	mg/l	≤ 0,5	≤ 0,2

Remarks
 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 9001:2008
 ISO 14001:2004
 ISO 50001:2011

Genan GmbH

ISO 9001:2015
 ISO 14001:2015
 ISO 50001:2011
 OHSAS 18001:2007 (Dorsten)

Genan Inc.

ISO 9001:2015
 ISO 14001:2015