

TECHNICAL DATA SHEET



Product name	Revised
GENAN SAFE 5	22.02.2019

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	520 ±8%	520
Pellet size range: d10 - D90	ISO 13322-2:2006	mm	3,5-6,0	5
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
PAH 8 REACH	AfPS GS 2014:01 PAK	mg/kg	≤ 20	< 15

Remarks	
DIN 18035-7:2014-10	GENAN SAFE 5 complies with all requirements in relation to migration according to DIN 18035-7:2014-10.
EN 71-3 + A1:2014	GENAN SAFE 5 complies with all requirements according to EN 71-3 + A1:2014_Safety of Toys - Part 3: Migration of certain elements.
ASTM F3188-16	GENAN SAFE 5 complies with all requirements according to ASTM F3188-16_Standard Specification for Extractable Hazardous Metals in Synthetic Turf Infill Materials.
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 50001:2011

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

Genan Inc.
 ISO 9001:2015
 ISO 14001:2015