

# TECHNICAL DATA SHEET



Product name	Revised
GENAN PELLETS 4.2 / 5	01.03.2021

**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 a low PU usage rate.

Contact Data of Manufacturer						
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Typical properties				
Properties	Test methods	Unit	Specification	Typical values
Specific density	ASTM D1817-05(2016)	kg/m <sup>3</sup>	1.100-1.200	1.160
Bulk density	EN 1097-3:1998	kg/m <sup>3</sup>	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 2019:01 PAK	mg/kg	≤ 20	< 15

Remarks	
DIN 18035-7:2019	The product GENAN PELLETS 4.2 / 5 complies with all requirements in relation to migration according to DIN 18035-7:2019.
EN 71-3:2019	The product GENAN PELLETS 4.2 / 5 complies with all requirements according to EN 71-3:2019_Safety of Toys - Part 3: Migration of certain elements.
ASTM F3188-16	The product GENAN PELLETS 4.2 / 5 complies with all requirements according to ASTM F3188-16_Standard Specification for Extractable Hazardous Metals in Synthetic Turf Infill Materials.
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.
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	Genan GmbH	Genan Inc.	Genan, S.A.
	ISO 9001:2015 ISO 14001:2015 ISO 50001:2018	ISO 9001:2015 ISO 14001:2015 ISO 45001:2018 ISO 50001:2018	ISO 9001:2015 ISO 14001:2015	ISO 9001:2015