

TECHNICAL DATA SHEET



Product name	Revised
GENAN RUBBER MODIFIER – PREMIXED	01.11.2025

Product description
Homogeneous rubber product made from rubber powder, derived from end-of-life tyres through granulation and cleaning, and mixed with the semicrystalline polyolefin additive VESTENAMER®.

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 Kammlach: Im Gewerbepark Unterallgäu 1 D-87754 Kammlach 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
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Typical properties					
Properties	Test methods	Unit	Typical values	Specification	
Specific density	ASTM D1817	kg/m ³	1160	1100-1200	
Bulk density	EN 1097-3	kg/m ³	330	330 ±8%	
Total polymer content (RCH)	ISO 9924-1	%	57	≥ 40	
Ash content	ISO 9924-1	%	8	< 15	
Carbon black	ISO 9924-1	%	25-30	25-40	
Melting point	ASTM D3418	°C	54	40-60	
Glass transition temperature	ASTM D3418	°C	-59	[-64] - [-54]	
PAH 8 REACH	AfPS GS 2019:01 PAK	mg/kg	< 15	< 20	

Remarks	
PAH 8 REACH	A material sample has been extracted in accordance with EN 17409, and the result is presented as a moving average of the 4 most recent analyses.
Content of chemical substances	GENAN RUBBER MODIFIER – PREMIXED complies with DIN 18035-7, EN 71-3_Safety of Toys - Part 3, ASTM F3188 and SVHC limits as specified in the REACH candidate list (potential candidate substances included).
Content of coloured rubber particles	GENAN RUBBER MODIFIER – PREMIXED is a recycled product manufactured with end-of-life tyres as feedstock. Coloured rubber particles may thus occur.
Impurities	GENAN RUBBER MODIFIER – PREMIXED is a recycled product manufactured with end-of-life tyres as feedstock. Free impurities in the form of metal, textile, minerals, small stones, plastic and wood may thus occur.
Agglomeration	GENAN RUBBER MODIFIER – PREMIXED may due to its physical properties - and depending on weather / storage conditions - have a tendency to cake over time. For optimum performance, immediate use of product upon delivery is thus recommended. For storage instructions, reference is made to section 7.2 of the safety data sheet for this product.
Environment, Health & Safety	Guidelines in relation to environmental impact, health and safety are stated in the relevant Safety Data Sheet as well as in the applicable Instructions for Use and Disposal - both of which can be downloaded from the Genan website. Alternatively, our sales department can 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.

CERTIFICATIONS	Genan A/S	Genan GmbH	Genan Inc.	Genan, S.A.
	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015
	ISO 14001:2015	ISO 14001:2015	ISO 14001:2015	ISO 14001:2015
	ISO 45001:2018	ISO 45001:2018	ISO 45001:2018	ISO 45001:2018
	ISO 50001:2018	ISO 50001:2018	ISO 50001:2018	ISO 50001:2018