

# TECHNICAL DATA SHEET



Product name	Revised
GENAN TYRE WIRE	04.11.2020

Product description
Tyre wire derived from end-of-life tyres through granulation, cleaning and magnetic separation.

Contact Data of Manufacturer						
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Typical properties				
Properties	Test methods	Unit	Specification	Typical values
Purity	DIN 18128:2002-12	%	97	> 97
Bulk density	EN 1097-3	Kg/m <sup>3</sup>	> 400	780±15%
Chrom e content	ASTM E415-17	%	< 0,20	< 0,10
Copper content	ASTM E415-17	%	< 0,50	< 0,30
Sulphur content	ASTM E415-17	%	< 0,10	< 0,08
Phosphorus content	ASTM E415-17	%	< 0,05	< 0,02
Silicon content	ASTM E415-17	%	< 0,50	< 0,40

*DIN 18128:2002-12 is a method for determining organic matter by combustion (Determination of ignition loss). Samples for analysis are taken directly from the material flow 3 times a week at each factory.  
Purity is calculated as an average value of the six most recently extracted samples.*

*ASTM E415-17 : Standard test method for analysis of carbon and low-alloy steel by spark atomic emission spectrometry.*

*EN 1097-3: Tests for mechanical and physical properties of aggregates - Part 3: Determination of loose bulk density and voids.*

**Remarks**

*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. The values are indicative only.*

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