

TECHNICAL DATA SHEET



Product name	Revised
GENAN 40 Mesh	16.11.2017

Product description
Free-flowing, homogenous and uniform, black rubber powder derived from end-of-life tyres through cryogenic milling. As anti-caking agent, 0.5% SiO ₂ (Ultrasil®VN3) is added.

Contact Data of Manufacturer					
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Properties	Test methods	Unit	40 Mesh	40 Mesh	40 Mesh
			0-425 µm (V1)	125-425 µm (V2)	180-425 µm (V3)
			Typical values	Typical values	Typical values
Specific gravity	ASTM D1817-05(2016)	kg/m ³	1.160	1.160	1.160
Bulk density	EN 1097-3:1998	kg/m ³	475	435	460
Particle size range	ASTM D5644-01(2013)	µm	0-425	125-425	180-425
Particles > 425 µm (max. 10%)	ASTM D5644-01(2013)	%	< 1	< 1	< 1
Total polymer content (RCH)	ISO 9924-1:2016	%	> 50	> 50	> 50
Ash content	ISO 9924-1:2016	%	<10	<10	<10
Carbon black	ISO 9924-1:2016	%	25 - 35	25 - 35	25 - 35
Acetone extractable	ISO 1407:2011	%	5 - 15	5 - 15	5 - 15
Moisture content (Loss: 2h @ 105°C)	ASTM D1509 - 15	%	< 2	< 2	< 2
Free metal content	OA-698: (Note 1)	%	≤ 0,01	≤ 0,01	≤ 0,01
Free fibre content	OA-698: (Note 1)	%	≤ 0,01	≤ 0,01	≤ 0,01
Other contamination	OA-698: (Note 1)	%	≤ 0,01	≤ 0,01	≤ 0,01
PAH 8 REACH	AfPS GS 2014:01 PAK	mg/kg	≤ 20	≤ 20	≤ 20

Note 1: Non-standardized test method "Determination of bulk density and free impurities in rubber powder and granulate", which your Genan representative will forward upon request. This test method is chosen as values obtained from the use of ASTM 5603 are below the detection limits.

Remarks	
Particle size distribution:	Information on the actual particle size distribution is available on the relevant sieve curves, which may be downloaded from the Genan website at any time.
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

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

Genan Inc.
ISO 9001:2015
ISO 14001:2015