

Compound Data Sheet for NBR round cord (NBR-VU 50N)

Compound: Acrylic-Butadien-Rubber - NBR

Colour: black

Description: NBR, Sulfur

Testing	Test standard	Test value	Unit
Density	ASTM D 297	1.15+/-0.02	g/cm ³
Hardness	ISO 48-4	50+/-5	Shore A
Tensile strength	ASTM D 412	7	N/mm ²
Tear resistance	ASTM D 624-B	20	kN/m
Elongation at break	ASTM D 412	300	%
Compression set 22h/100°C	ASTM D 395	10	%

General information

Material description: Good resistance against mineral and vegetable oils and greases.
Poor resistance against ozone and weathering.

Operating temperature: -35°C to +110°C

Approvals: In compliance with RoHS and REACH directives.

Remarks: ACN content 32 %

Note

The test results are mean values and represent typical material properties. They are gained under usual laboratory conditions and do not necessarily correspond to results measured on finished goods. The compound information does not release the user from the necessity to conduct his own testing's. Production methods and ingredients are subject to change with regard to technical progress and toxicological regulations

This document does not subject to a revision service