

Technical data sheet RUTEC R1078

RUTEC R1078 is an excellent black natural rubber quality and distinguished by exceptional elasticity and good UV and ozone resistance

RUTEC R1078 is manufactured in certified production according to the requirements of ISO 9002 standards.



Properties	Method	Values
Polymer		Natural rubber
Colour		Black
Specific Gravity	DIN 53508	1,01 g/cm ³
Hardness	DIN 53505	40 ± 5 Shore A
Tensile strengt (min.)	DIN 53504	16,5 N/mm ²
Elongation at break (min.)	DIN 53504	800 %
Abrasion (max.)	DIN 53516	100 mm ³
Compression set (70 °C / 24 hr. / 25 % pressure) (max.)	DIN 53517	30 %
Tear strength (angle probe)	DIN 53515	40 N/mm
Resilience		75 %
Change in the properties after Heat aging (72 hrs. At 70 ° C)	ASTM D573	
Hardness (max.)		+5 Shore A
tensile strength		+10 / -15 %
elongation		+10 / -15 %
ozone resistance	ASTM D 1149	Godd
chemical resistance		
Diluted acids and alkalis		Good
Concentrated acids and alkalis		Not recommended
oils		Not recommended
solvent		Not recommended
temperature range		-30 °C / +70 °C

Lagerung

RUTEC R1078 must be stored in accordance with regulations for storage of elastomers (DIN 7716).

Remark

All specifications are based on laboratory results and corresponds to our current knowledge stand. The above-mentioned Informational purpose regarding our products and their use. This document is no guarantee of a particular property or performance of a product or its suitability for a particular application. We remind you that the data may change in the course of further developments, therefore we reserve the appropriate adjustments.