

Technical data sheet **R**UTEC R1038

RUTEC R1038 is an excellent red natural rubber quality and distinguishes itself through extra-ordinary elasticity and very good wet abrasion behavior.

RUTEC R1038 is manufactured in certified production according to the requirements of ISO 9002 standards.



Properties	Method	Values
Polymer		Natural rubber
Colour		Red
Specific Gravity	DIN 53508	0,98 g/cm ³
Hardness	DIN 53505	38 ± 5 Shore A
Tensile strengt (min.)	DIN 53504	24 N/mm ²
Elongation at break (min.)	DIN 53504	810 %
Abrasion (max.)	DIN 53516	80 mm ³
Compression set (70 °C / 24 hr. / 25 % pressure) (max.)	DIN 53517	20 %
Tear strength (angle probe)	DIN 53515	40 N/mm
Resilience		75 %
Change in properties after Heat aging (72 hrs. At 70 ° C)	ASTM D573	
Hardness (max.)		+3 Shore A
Tensile strength		+10 / -15 %
Elongation		+10 / -15 %
Ozone resistance	ASTM D 1149	Not recommended
Chemical resistance		
Diluted acids and alkalis		Good
Concentrated acids and alkalis		Not recommended
Oils		Not recommended
Solvent		Not recommended
Temperature range		-40 °C / +70 °C

Storage

RUTEC R1038 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.