

General

Material Properties	Data and values	Standard
Material description	NBR (Nitrile Butadiene Rubber)	
Material thickness and tolerances	1 - 20 mm	ISO 3302 Part 1 Class ST2
Vulcanization method	Sulfur	
Temperature range	-20 °C / +80 °C	
Specific gravity	1.35 g/cm ³	ISO 845-88 / ASTM D 3575
Hardness Shore A	65 (+/- 5)	ASTM D 2240
Elongation at break	Min. 300%	ISO 37
Tensile strength	5.0 MPa (5 N/mm ²)	ISO 37

Resistance

Type	Degree of resistance
Diluted acids and alkalis	Moderate, dependent on specific medium (*)
Concentrated acids and bases	Not suitable
Ozone and UV (weather resistance)	Moderate
Oil, fats, fuels, and lubricants	Good (**)

(*) Contact our customer service for further advice.

(**) For biofuels, oil, and lubricants, please contact our customer service.