

ZAVA 90-55 MODIFIED NBR

MOULDED

Technical Characteristics	Method	Our Compound
Specific gravity	ASTM D 297 g/cm ³	1,270 +/- 0,020
Hardness	ASTM D2240 Shore A	72,000 +/- 5,000
Tensile Strength at Break	ASTM D 412 MPa	10,800 min
Ultimate elongation	ASTM D 412 %	250,000 min
Tear Resistance	ASTM D 624/B KN/m	40,000 min
<i>Compression set</i> Strain 25% 22 hrs at 100°C	ASTM D 395 %	20.000 max
Chemical and physical resistances		

Temperature resistance: -30°C to 110°C

RESISTANCE TO:

Air Oven (Up to 110°C)	Good
Aliphatic Hydrocarbons/Mineral oils	Very good
Animal Vegetable Oils	Very good
Aromatic Hydrocarbons	Unsatisfactory
Chlorinated Solvents	Unsatisfactory
Concentrated acids	Unsatisfactory
Cold Brittleness (-30°C)	Good
Diluted Acids (Room Temperature)	Satisfactory
Diluted Alkalies (Room Temperature)	Satisfactory
Fireproof hydraulic fluids	Unsatisfactory
Flame	Unsatisfactory
Hydraulic fluids	Good
Ketones	Unsatisfactory
Low Temperature Stiffening	Satisfactory
Low Pressure Steam	Satisfactory
Lubricating oils	Good
Ozone	Unsatisfactory
Water	Good
Weather	Unsatisfactory

Note: These figures are for guidance only. Service life will depend on type of application, whether static or dynamic, specific pressure medium, temperature cycle, time of exposure, etc.