

Material Data Sheet | **Natural Rubber & Polyisoprene**

Natural Rubber & Polyisoprene has high resilience, good compression set, and molding properties. It also has a high tear resistance, low crack growth, properties that allow for low-temperature usage, ketones and alcohol.

TECHNICAL INFORMATION	
Common Names	Natural Rubber, Polyisoprene
Adhesion to Metals	Fair to Good
Military (MIL STD 417)	None
Chemical Definition	Stereoregular polyisoprene only (polyisoprene)
Tensile Range (P.S.I)	400 – 4000
Oil Resistance	Fair
Durometer Range (Shore A)	45 – 90
Compression Set	Good
High Temperature Usage (F°)	158°
Abrasion Resistance	Good to Excellent
Tear Resistance	Good
Solvent Resistance	Poor
Resilience – Rebound	Good
Aging Weather – Sunlight	Good
Elongation (max. %)	75 – 600
ASTM D-2000 Classification	AA
Low Temperature Usage (F°)	-40°

