



Rubber Products Distributors

EPR

Common Name _____	EPR, EPT, EPDM
Trade Names _____	Resist-O (Nordel®)
ASTM D-2000 Classification _____	CA
Military (MIL-STD 417) _____	RS
Chemical Definition _____	Ethylene Propylene

GENERAL CHARACTERISTICS

Durometer Range (Shore A) _____	30 – 90
Tensile Range (P.S.I.) _____	500 – 2500
Elongation (Max.%) _____	600
Compression Set _____	Good
Resilience – Rebound _____	Good
Abrasion Resistance _____	Good
Tear Resistance _____	Fair
Solvent Resistance _____	Poor
Oil Resistance _____	Poor
Low Temperature Usage (F°) _____	-20° to -60°
High Temperature Usage (F°) _____	to 350°
Aging Weather – Sunlight _____	Excellent
Adhesion to Metals _____	Fair to Good

COMMENT

Ethylene Propylene is a polymer with outstanding properties. It has exceptionally good weather aging and ozone resistance; excellent water and chemical resistance; excellent resistance to gas permeability, and excellent resistance to aging due to exposure to steam; and heat, resistance excellent up to 350°F. Ethylene Propylene is a polymer where oil and solvent resistance is poor, however, it is fairly good in ketones and alcohols. It is not recommended for food applications or exposure to aromatic hydrocarbons.

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