

Polychloroprene Rubber (CR)

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Polychloroprene rubber usually withstands ozone, oil/fat/grease, and many solvents. It is impacted by esters, ketones, chlorinated solvents, aromatic hydrocarbons, strong oxidizing acids, and nitrogen containing hydrocarbons.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polychloroprene-Rubber-CR.php

Physical Properties	Metric	English	Comments
Density	1.35 - 1.50 g/cc	0.0488 - 0.0542 lb/in ³	Compounded

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35 - 95	35 - 95	Depends on compounding
Tensile Strength, Ultimate	28.0 MPa	4060 psi	Compounded Tire
Elongation at Break	100 - 800 %	100 - 800 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	
Minimum Service Temperature, Air	-30.0 °C	-22.0 °F	

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