

Garlock 505 CPE Sheet Rubber

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

Material Notes:

Style #505 is a branded, chlorinated polyethylene (CPE) sheet rubber product. CPE has excellent resistance to many chemical groups such as oils, acids, bases and alcohols. CPE is also very resistant to oxidation, heat and ozone. Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-505-CPE-Sheet-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65 - 75	65 - 75	
	80 - 90	80 - 90	
	@Treatment Temp. 125 Â°C, Time 252000 sec	@Treatment Temp. 257 Â°F, Time 70.0 hour	Heat Aged
Tensile Strength	>= 12.4 MPa	>= 1800 psi	
	13.8 MPa	2000 psi	Typical
Elongation at Break	>= 350 %	>= 350 %	
	>= 300 %	>= 300 %	
	@Treatment Temp. 125 Â°C, Time 252000 sec	@Treatment Temp. 257 Â°F, Time 70.0 hour	Heat Aged; ASTM D573
Compression Set	60 %	60 %	
	@Temperature 125 Â°C, Time 79200 sec	@Temperature 257 Â°F, Time 22.0 hour	ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	135 Â°C	275 Â°F	
Minimum Service Temperature, Air	-28.9 Â°C	-20.0 Â°F	

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