

Zeon Chemicals Hydrin® T3106 Polyepichlorohydrin Elastomer

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

Material Notes:

Hydrin T3106 is an ethylene oxide/epichlorohydrin/allyl glycidyl ether terpolymer with high heat and solvent resistance. Compounds using Hydrin T3106 typically exhibit excellent low and high temperature properties and can be cured using conventional cure systems such as sulfur/sulfur donor or peroxides. Sufficient antioxidant is added during the manufacturing process for normal aging conditions. Highest EO content terpolymer for best low-temperature properties and enhanced electrostatic dissipative properties. Used in low-temperature hoses, air inlet ducts, and laser printer rolls.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Hydrin-T3106-Polyepichlorohydrin-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	
Mooney Viscosity	53 - 67 @Temperature 100 °C	53 - 67 @Temperature 212 °F	(1+4)
Ash	<= 1.0 %	<= 1.0 %	Zeon Test #1358

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-48.0 °C	-54.4 °F	

Component Elements Properties	Metric	English	Comments
Chlorine, Cl	20.4 - 22.4 %	20.4 - 22.4 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 1.0 %	<= 1.0 %	Zeon Test #1361

Descriptive Properties	Value	Comments
AGE Content, %	5.9-7.9	

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