

Zeon Chemicals Hydrin® T3000 Polyepichlorohydrin Elastomer

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

Material Notes:

Hydrin T3000 is an ethylene oxide/epichlorohydrin/allyl glycidyl ether terpolymer with high oil, fuel and solvent resistance. Compounds using Hydrin T3000 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. Terpolymer of ECH/EO/AGE. Sulfur curable with improved milling properties and can be blended with all other elastomer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Hydrin-T3000-Polyepichlorohydrin-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	
Mooney Viscosity	80 - 94 @Temperature 100 °C	80 - 94 @Temperature 212 °F	(1+4)
Ash	<= 1.0 %	<= 1.0 %	Zeon Test #1358

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-43.0 °C	-45.4 °F	

Component Elements Properties	Metric	English	Comments
Chlorine, Cl	23.7 - 25.7 %	23.7 - 25.7 %	

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

Descriptive Properties	Value	Comments
AGE Content, %	4.5-5.5	

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