

Zeon Chemicals Hydrin® T3105 Polyepichlorohydrin Elastomer

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

Material Notes:

Hydrin T3105 is an ethylene oxide/epichlorohydrin/allyl glycidyl ether terpolymer with high oil fuel and solvent resistance. Compounds using Hydrin T3105 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. High ECH and AGE content terpolymer for improved heat and ozone resistance.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Hydrin-T3105-Polyepichlorohydrin-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	
Mooney Viscosity	70 - 90 @Temperature 100 °C	70 - 90 @Temperature 212 °F	(1+4)
Ash	<= 1.0 %	<= 1.0 %	Zeon Test #1358

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-41.0 °C	-41.8 °F	

Component Elements Properties	Metric	English	Comments
Chlorine, Cl	26.5 - 28.5 %	26.5 - 28.5 %	

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

Descriptive Properties	Value	Comments
AGE Content, %	5.2-6	

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