

Zeon Chemicals Hydrin® T3000LL Polyepichlorohydrin Elastomer

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

Material Notes:

Hydrin T3000LL is an ethylene oxide/epichlorohydrin/allyl glycidyl ether terpolymer with high oil, fuel and solvent resistance. Compounds using Hydrin T3000LL 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. Lowest viscosity version of Hydrin T3000 for optimum injection flow.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Hydrin-T3000LL-Polyepichlorohydrin-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------------------|--------------------------------|-----------------|
| Specific Gravity | 1.28 g/cc | 1.28 g/cc | |
| Mooney Viscosity | 50 - 64 @Temperature 100 °C | 50 - 64 @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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