

## Zeon Chemicals Hydrin® C2000 Polyepichlorohydrin Elastomer

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

### Material Notes:

Hydrin C2000 is an epichlorohydrin/ethylene oxide copolymer with high oil, fuel and solvent resistance. Compounds using Hydrin C2000 typically exhibit good heat resistance, excellent ozone resistance along with outstanding gas impermeability. Sufficient antioxidant is added during the manufacturing process for normal aging conditions. Fuel pump diaphragms, hose, coated fabrics and vibration mounts. Can also impart antistatic properties to plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Zeon-Chemicals-Hydrin-C2000-Polyepichlorohydrin-Elastomer.php](http://www.lookpolymers.com/polymer_Zeon-Chemicals-Hydrin-C2000-Polyepichlorohydrin-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	
Mooney Viscosity	90 - 102 @Temperature 100 °C	90 - 102 @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	24.5 - 26.5 %	24.5 - 26.5 %	

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

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