

## Zeon Chemicals Hydrin® H1100 Polyepichlorohydrin Elastomer

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

### Material Notes:

Hydrin H1100 is an epichlorohydrin/allyl glycidyl ether copolymer with high oil, fuel and solvent resistance. Compounds using Hydrin H1100 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. Hydrin H copolymerized with AGE for sulfur or peroxide vulcanization. Excellent resistance to permeation by gases.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Zeon-Chemicals-Hydrin-H1100-Polyepichlorohydrin-Elastomer.php](http://www.lookpolymers.com/polymer_Zeon-Chemicals-Hydrin-H1100-Polyepichlorohydrin-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	
Mooney Viscosity	48 - 68 @Temperature 100 °C	48 - 68 @Temperature 212 °F	(1+4)
Ash	<= 1.0 %	<= 1.0 %	Zeon Test #1358

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-26.0 °C	-14.8 °F	

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

Descriptive Properties	Value	Comments
AGE Content, %	6.7-8.7	

## Contact Songhan Plastic Technology Co.,Ltd.

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