# Hydrin® T3106

Epoxy; Epoxide

Zeon Chemicals L.P.

## Message:

HYDRIN® ELASTOMERS (CO/ECO/GECO), based on polyepichlorohydrin, have an excellent balance of properties for automobile applications. They exhibit notable low-temperature flexibility and adjustable dampening characteristics in addition to heat, oil and fuel resistance. More recently, Hydrin elastomers have shown a good balance of price and performance in the biofuel market. With great resistance to biodiesel fuels and ozone, Hydrin is a viable material for hose cover stock. The homopolymer Hydrin H (CO) shows superior permeation resistance to gases and air, while the copolymer (ECO) and terpolymer (GECO) products are inherently static-dissipative. GECO is an excellent candidate for charge and developer rolls in laser printers. A low-Mooney terpolymer for rolls with enhanced conductivity s now available. Terpolymers can be sulfur- or peroxide-cured.
Special Properties/Applications
Higher-EO-content polymer giving enhanced electrostatic dissipative properties. Designed for laser printer rolls.

| General Information | |
|---|---|
| Features | Fuel Resistant |
| | High Heat Resistance |
| | Low Temperature Flexibility |
| | Oil Resistant |
| | Ozone Resistant |
| | Terpolymer |
| Uses | Automotive Applications |
| | Hose |

| Physical | Nominal Value | Unit | |
|---|---|---|---|
| Specific Gravity | 1.26 | g/cm³ | |
| Mooney Viscosity | 53 to 67 | MU | |
| **Thermal** | **Nominal Value** | **Unit** | **Test Method** |
| Glass Transition Temperature | -48.0 | °C | DSC |



Recommended distributors for this material

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