Hydrin® C2000

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
Fuel pump diaphragms, hose, coated fabrics and vibration mounts. Can also impart antistatic properties to plastics.

General Information	
Features	Antistatic
	Copolymer
	Fuel Resistant
	High Heat Resistance
	Low Temperature Flexibility
	Oil Resistant
	Ozone Resistant
Uses	Automotive Applications
	Diaphragms
	Fabric Coatings
	Hose

Physical	Nominal Value	Unit
Specific Gravity	1.28	g/cm³
Mooney Viscosity	90 to 102	MU

Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-41.0	°C	DSC

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China


WECHAT