Hydrin® T5010

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
Good mill release and processing. Can be sulfur or peroxide cured.

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

Physical	Nominal Value	Unit	
Specific Gravity	1.27	g/cm³	
Mooney Viscosity	75 to 100	MU	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Glass Transition Temperature	-40.0	°C	DSC

Recommended distributors for this material

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