

DuPont Performance Polymers Neoprene TW-100 Polychloroprene Rubber

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

Material Notes:

Neoprene Type TW-100 is a polychloroprene homopolymer, has excellent polymer stability, and a fast crystallization rate. Physical form: Chips. Color: Silver Gray to light amber. Distinguishing Features: Higher viscosity version of type TW. Neoprene T-type Characteristics: Raw polymers: Excellent storage stability; least nerve; accelerator required/cure flexibility; good extrusion/calendering performance. Vulcanizates: Good compression set resistance, good heat-aging. General Neoprene Information: The basic chemical structure of DuPont Dow Elastomers Neoprene is polychloroprene. The polymer structure can be modified by copolymerization with sulfur or 2,3 dichloro 1,3-butadiene to yield a broad range of chemical and physical properties. All types of Neoprene resist degradation from sun, ozone, and weather; perform well in contact with oils and many chemicals; remain useful over a wide temperature range; display outstanding physical toughness, and resist burning inherently better than exclusively hydrocarbon rubbers. Information provided by DuPont Dow Elastomers. This former DuPont Dow Elastomers product line is now produced by DuPont Performance Elastomers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Neoprene-TW-100-Polychloroprene-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	
Mooney Viscosity	82 - 99 @Temperature 100 °C	82 - 99 @Temperature 212 °F	ML 1+4; ASTM D1646-81

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