

DuPont Performance Polymers Neoprene TW Polychloroprene Rubber

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

Material Notes:

Neoprene Type TW is a polychloroprene homopolymer, has excellent polymer stability, and a fast crystallization rate. Physical form: Chips. Color: Silver Gray to light amber. Distinguishing Features: Contains high percentage of gel for processing; vulcanizate properties similar to W-types..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-Polychloroprene-Rubber.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------------------|--------------------------------|-----------------------|
| Density | 1.23 g/cc | 0.0444 lb/in ³ | |
| Mooney Viscosity | 42 - 52 @Temperature 100 °C | 42 - 52 @Temperature 212 °F | ML 1+4; ASTM D1646-81 |

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