DuPont Performance Polymers Hypalon® 48 Chlorosulfonated Polyethylene Rubber, Peroxide Cured Carbon Black Filled Compound

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Rubber or Thermoset Elastomer (TSE) , Chlorosulfonated Polyethylene Rubber

Material Notes:

Carbon black compound with 100 parts Hypalon; 40 parts carbon black; 20 parts magnesia; and 5.8 parts Varox® DBPH-50. Physical property data below (except mooney viscosity) are for vulcanizate. MatWeb has other entries for different compounds of this Hypalon grade.General Hypalon® Information: Vulcanizates of this chlorosulfonated polyethylene synthetic rubber are highly resistant to ozone, oxygen, weather, heat, oil, and chemicals. Hypalon resists discoloration on exposure to light and is widely used in light-colored vulcanizates. It can be compounded to give excellent mechanical properties. Several grades are available, all of which may be processed and used in the usual manner for solid elastomeric vulcanizates. Various grades of Hypalon have been used in single-ply roofing systems; auto power steering and oil cooler hoses; chemical-resistant liners; cable sheathing; and other coatings.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-Hypalon-48-Chlorosulfonated-Polyethylene-Rubber-Peroxide-Cured-Carbon-Black-Filled-Compound.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	51 @Temperature 135 °C	51 @Temperature 275 °F	ML 1+4. Stock property.; ASTM D1646-81

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84	84	ASTM D2240-81
Tensile Strength, Ultimate	19.3 MPa	2800 psi	ASTM D412-80
Elongation at Break	275 %	275 %	ASTM D412-80
100% Modulus	0.0181 GPa	2.63 ksi	ASTM D412-80
Compression Set	47 % @Temperature 100 °C	47 % @Temperature 212 °F	22 hr at 100°C. Method B. ASTM D395-69.

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China