DuPont Performance Polymers Hypalon® 48 Chlorosulfonated Polyethylene Rubber, Uncured 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; 100 parts carbon black; 4 parts magnesia; and 1.5 parts propylene glycol. Physical property data below (except mooney viscosity) are for uncured film. MatWeb has other entries for different compounds of this Hypalon grade.Hypalon® 45 and 48 can be compounded to give good stress/strain properties in uncured stocks. These compounds may be used in applications such as cove base, magnetic door closures, roofing membranes, and pond and pit liners. Hypalon 48 provides greater flame and oil resistance at a sacrifice of low temperature utility. Hypalon 45 complies with FDA reg 21 CFR 177.2210 (Ethylene polymer chlorosulfonated) for use in contact with drinking water.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-Uncured-Carbon-Black-Filled-Compound-amp.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	ASTM D2240-81
Tensile Strength, Ultimate	7.40 MPa	1070 psi	
Elongation at Break	510 %	510 %	ASTM D412-80
	500 % @Temperature 50.0 °C	500 % @Temperature 122 °F	ASTM D412-80
100% Modulus	0.00520 GPa	0.754 ksi	ASTM D412-80

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-2.00 °C	28.4 °F	Brittleness Temperature
Brittleness Temperature	-2.00 °C	28.4 °F	ASTM D746-79

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