



Neoprene GW

Sales Specifications – November 2015

Description:

A sulfur modified crystallization resistant Neoprene polymer stabilized with a thiuram disulfide. It is designed for non-staining and general-purpose use. Raw polymer stability is good. Excessive time and temperature of storage can cause a change in color, a change in viscosity, a decrease in scorch resistance, and a decrease in processability. The nominal specific gravity at 25/4°C (77/39.2°F) is 1.23.

Form and Color: Light yellow to tan chips

Requirements

<u>Property</u>	<u>Limits</u>	<u>Test Method</u>
1. Contamination	In keeping with good rubber practices	N200.2000
2. Volatile Loss, % After milling 6 minutes at 50°C (122°F)	1.3 maximum	N200.9500
3. Mooney Viscosity ML, 1'+4' at 100°C (212°F)	37 - 49	N200.5700
4. Vulcanization Properties Formulation (mill mix)		N200.2020 (ASTM D 3190-91)
Neoprene	100.0	
Stearic Acid (Industrene 5016-double pressed)	0.5	
Magnesia (high activity grade - 'Maglite D')	4.0	
Zinc oxide ('Kadox 911')	5.0	
Mooney Scorch ML, 120°C (248°F) t5 - Minutes to 5 point rise	12.0 min.	N200.7460 (ASTM D 1646-91)
Moving Die Rheometer (MDR) Properties at 160°C (320°F)		N200.7405 (ASTM D 5289-93a)
Scorch Time (ts1), minutes	0.7 – 2.7	
Optimum Cure Time (t'90), minutes	2.0 – 6.5	
Optimum Cure Torque (Mc90), dN.m.	7.0 – 13.0	

Package

Static dissipative inclusion bag containing 25kg (55.125 lbs.) net weight.

Contact Denka at the following location:

Denka Performance Elastomer LLC, 560 Highway 44, LaPlace, LA 70068
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