



Neoprene W and WM1

Sales Specification

Description:

A Neoprene polymer designed for general-purpose use. Additives known to contribute to the discoloration or staining of ordinary finishes are not intentionally added to Denka Neoprene W and WM1. Raw polymer stability is excellent. Excessive time and temperature of storage can cause a change in viscosity. The nominal specific gravity at 25/4°C (77/39.2°F) is 1.23.

Form and Color: White to silvery grey 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 min. at 50°C (122°F)	1.3 max.	N200.9500
3. Mooney Viscosity ML, 1'+4' at 100°C (212°F) WM1 W	34 – 41 40 – 49	N200.5700
4. Vulcanization Properties Formulation (mill mix) Neoprene Octylated diphenylamine ('Agerite Stalite') Magnesia (high activity grade - 'Maglite D') Zinc oxide ('Kadox 911') 75% Active ETU Dispersion ('END-75')	100.0 1.0 4.0 5.0 0.47	N200.2010 (ASTM D 3190-91)
Mooney Scorch ML, 120°C (248°F) t5 - Minutes to 5 point rise WM1 W	8.0 min. 8.5 min.	N200.7460 (ASTM D 1646-91)
Moving Die Rheometer (MDR) Properties at 160°C (320°F) Scorch Time (ts1), minutes Optimum Cure Time (t'90), minutes Optimum Cure Torque (Mc90), dN.m.	0.8 – 2.8 3.0 - 15.0 4.0 – 8.0	N200.7405 (ASTM D 5289-93a)

Packaging

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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Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, discuss with your Denka Performance Elastomer customer service representative.

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