



ABRASION

Abrasion Resistance
Extremely High

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
85°F

Humidity
74%

**Minimal Visible Wearing
Into Material**
400 Test Cycles

**Visible Wearing
Into Material**
3,000 Test Cycles

**Heavy Wear But Not Yet
Through The Material**
11,000 Test Cycles

**Material Destroyed
-Hole Through Material**
13,000 Test Cycles

Pre-Test Weight
14,096 mg

Post-Test Weight
11,705 mg

**Test End Loss Of Mass
Point Of Destruction**
2,391 mg

CHEMICAL RESISTANCE

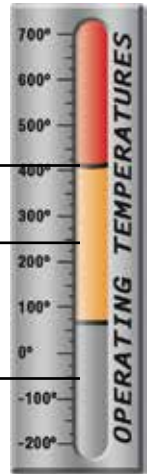
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

Aromatic Solvents _____	1
Aliphatic Solvents _____	1
Chlorinated Solvents _____	1
Weak Bases _____	1
Salts _____	1
Strong Bases _____	2
Salt Water 0-S-1926 _____	1
Hydraulic Fluid MIL-H-5606 _____	1
Lube Oil MIL-L-7808 _____	1
De-Icing Fluid MIL-A-8243 _____	1
Strong Acids _____	5
Strong Oxidants _____	5
Esters/Ketones _____	1
UV Light _____	2
Petroleum _____	3
Fungus ASTM G-21 _____	2
Halogen Free _____	Yes
RoHS _____	Yes
SVHC _____	

Melt Point
ASTM D-2117
410°F (210°C)

Maximum Continuous
Mil-I-23053
248°F (120°C)

Minimum Continuous
-49°F (-45°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____	NA
ASTM D-204	
Flammability Rating _____	
Recommended Cutting _____	Scissor
Colors _____	1
Wall Thickness _____	.08
Tensile Strength (Yarn) _____	
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	1.14
Moisture Absorption _____	2.7
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	1.10
CVCM _____	.01
WVR _____	.69
Smoke D-Max _____	
ASTM E-662	
Outgassing _____	High
Oxygen Index _____	22
ASTM D-2863	



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