



# ABRASION FLAMMABILITY

**Abrasion Resistance**  
Medium

Rating \_\_\_\_\_ UL VW-1

**Abrasion Test Machine**  
Taber 5150

**Abrasion Test Wheel**  
Calibrase H-18

**Abrasion Test Load**  
500g

**Room Temperature**  
80°F

**Humidity**  
70%

**Very Minor Scuffing**  
100 Test Cycles

**Strands Frayed  
And Rough Surface**  
400 Test Cycles

**Scuffing And Several  
Broken Strands**  
500 Test Cycles

**Material Destroyed**  
700 Test Cycles

**Pre-Test Weight**  
3,602.0 mg

**Post-Test Weight**  
3,373.9 mg

**Test End Loss Of Mass  
Point Of Destruction**  
228.1 mg

## CHEMICAL RESISTANCE

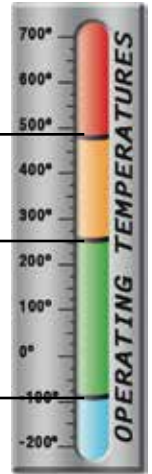
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

Aromatic Solvents _____	2
Aliphatic Solvents _____	1
Chlorinated Solvents _____	3
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 _____	3
Strong Oxidants _____	2
Esters/Ketones _____	2
UV Light _____	1
Petroleum _____	1
Fungus ASTM G-211 _____	
Halogen Free _____	Yes
RoHS _____	Yes
SVHC _____	None

**Melt Point**  
ASTM D-2117  
482°F (250°C)

**Maximum Continuous**  
MIL-I-23053  
257°F (125°C)

**Minimum Continuous**  
-94°F (-70°C)



## PHYSICAL PROPERTIES

Monofilament Diameter _____	.008
ASTM D-204	
Flammability Rating _____	VW-1
FMVSS-302 Approved	
Recommended Cutting _____	Scissor/HK
Colors _____	2
Wall Thickness _____	.024
Tensile Strength (Yarn) _____	4
ASTM D-2256 Lb	
Specific Gravity ASTM D-792 _____	1.38
Moisture Absorption % _____	.1-.2
ASTM D-570	
Hard Vacuum Data _____	
ASTME-595	
TML _____	.19
CVCM _____	.04
WVR _____	.06
Smoke D-Max _____	275
ASTM E-66	
Outgassing _____	Med
Oxygen Index _____	31
ASTM D-2863	



800.323.5140 • 973.300.9242 • fax: 973.300.9409  
104 Demarest Road • Sparta, NJ 07871