



ABRASION

Abrasion Resistance
Medium

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
80°F

Humidity
70%

Scuffing And Pulling
Of Soft Fibers
20 Test Cycles

Scuffing And Pulling
Of Fibers Continues
400 Test Cycles

Material Destroyed
700 Test Cycles

Pre-Test Weight
5,730.5 mg

Post-Test Weight
5,200.1 mg

Test End Loss Of Mass
Point Of Destruction
530.4 mg

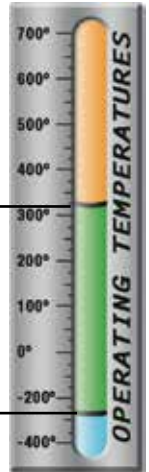
CHEMICAL RESISTANCE

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

| | |
|----------------------------------|-----|
| Aromatic Solvents _____ | 2 |
| Aliphatic Solvents _____ | 2 |
| Chlorinated Solvents _____ | 2 |
| Weak Bases _____ | 1 |
| Salts _____ | 1 |
| Strong Bases _____ | 2 |
| Salt Water 0-5-1926 _____ | 1 |
| Hydraulic Fluid MIL-H-5606 _____ | 1 |
| Lube Oil MIL-L-7808 _____ | 1 |
| De-Icing Fluid MIL-A-8243 _____ | 1 |
| Strong Acids _____ | 2 |
| Strong Oxidants _____ | 2 |
| Esters/Ketones _____ | 1 |
| UV Light _____ | 4 |
| Petroleum _____ | 1 |
| Fungus ASTM G-21 _____ | 2 |
| Halogen Free _____ | Yes |
| RoHS _____ | |
| SVHC _____ | |

Maximum Continuous
Mil-I-23053
320°F (160°C)

Minimum Continuous
-274°F (-170°C)



PHYSICAL PROPERTIES

| | |
|-----------------------------------|---------------------|
| Monofilament Diameter _____ | NA |
| ASTM D-204 | |
| Flammability Rating _____ | |
| FMVSS-302 Approved | |
| Cutting _____ | Flexo Aramid Shears |
| Colors _____ | 1 |
| Wall Thickness _____ | .02 |
| Tensile Strength (Yarn) _____ | 39 |
| ASTM D-2256 Lbs | |
| Specific Gravity ASTM D-792 _____ | 1.44 |
| Moisture Absorption% _____ | |
| ASTM D-570 | |
| Hard Vacuum Data _____ | |
| ASTM E-595 at 10-5 torr | |
| TML _____ | 3.13 |
| CVCM _____ | .19 |
| WVR _____ | 1.76 |
| Smoke D-Max _____ | |
| ASTM E-662 | |
| Outgassing _____ | High |
| Oxygen Index _____ | 29 |
| ASTM D-2863 | |

