



ABRASION FLAMMABILITY

Abrasion Resistance
Very High

Rating _____ FAR 25

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
71°F

Humidity
59%

**Slight Rough Surface And
A Few Filaments Broken**
1,500 Test Cycles

**Visible Wear And Three
Filaments Broken**
2,000 Test Cycles

Material Destroyed
3,000 Test Cycles

Pre-Test Weight
13,955.5 mg

Post-Test Weight
12,911.9 mg

**Test End Loss Of Mass
Point Of Destruction**
1,043.6 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 _____ | 1 |
| 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 _____ | 1 |
| Strong Oxidants _____ | 1 |
| Esters/Ketones _____ | 2 |
| UV Light _____ | 1 |
| Petroleum _____ | 1 |
| Fungus ASTM G-21 _____ | 1 |
| Halogen Free _____ | No |
| RoHS _____ | Yes |
| SVHC _____ | |

Melt Point
ASTM D-2117
590°F (310°C)

Maximum Continuous
Mil-I-23053
550°F (280°C)

Minimum Continuous
-94°F (-70°C)



PHYSICAL PROPERTIES

| | |
|-----------------------------------|-----------|
| Monofilament Diameter _____ | .016 |
| ASTM D-204 | |
| Flammability Rating _____ | FAR 25 |
| Recommended Cutting _____ | Hot Knife |
| Colors _____ | 2 |
| Wall Thickness _____ | .04 |
| Tensile Strength (Yarn) _____ | 2.1 |
| ASTM D-2256 Lbs | |
| Specific Gravity ASTM D-792 _____ | 2.15 |
| Moisture Absorption _____ | <.01 |
| % ASTM D-570 | |
| Hard Vacuum Data _____ | |
| ASTM E-595 at 10-5 torr | |
| TML _____ | .00 |
| CVCM _____ | .00 |
| WVR _____ | 0 |
| Smoke D-Max _____ | |
| ASTM E-662 | |
| Outgassing _____ | Very Low |
| Oxygen Index _____ | >95 |
| ASTM D-2863 | |



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FAR-25

