



western filament, inc.

DATA SHEET FOR 50NOF17W

PER A-A-52080-B-3

SCOPE

This data sheet establishes the requirements of 50NOF17W

MATERIAL

The yarn furnished under this data sheet shall be a high tenacity nylon fiber. The finished tape shall be coated with wax at 15% - 32%.

CONSTRUCTION

The yarn shall be braided in a flat braid configuration.

Width ----- .077" min. / .094" max.
Thickness ----- .011" min. / .017" max.
Tensile Strength ----- 50# min.
Elongation ----- 40% max.

EFFECTS OF HEAT

Material sticks at 445°F and melts at 480°F - 500°F. It will yellow slightly at 300°F after about 5 hours.

EFFECTS OF ACIDS AND ALKALIS

Unaffected by most mineral acids, except hot mineral acids. Dissolves with partial decomposition in concentrated solution of hydrochloric, sulfuric and nitric acids. Soluble in formic acid. substantially inert in alkalis. Excellent resistance to mildew, aging, and abrasion. Prolonged exposure to sunlight will cause yellowing and some deterioration.

6/10/12

For Pricing and Information

please contact distributor:

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