



## FAIRPRENE® PRODUCT BULLETIN: B10N1

**Product Code:**

WFP-B10N1T-02548

*[Compare to BN-6040 Nitrile on Nylon]*



**Description:**

Engineered Nitrile on lightweight nylon fabric designed for aeronautical applications where fuel resistance is required.

NOTE-this material is supplied UNCURED for molding processes. Designed to meet *MIL-C-8068 Type III*

**Typical Physical Properties:**

Polymer	Nitrile (NBR)	
Durometer	45 ±5	ASTM D-2240
Fabric-Mullen Burst:	125 psi (min.)	ASTM D751
Color:	Black	Visual
Finish Gauge:	.018 ± .002, .025 ± .004	ASTM D-751
Surface Finish:	UNCURED, Smooth, with light talc	Visual
Finished Width:	48" max.	

**General Polymer Characteristics:**

Resistance To:

	<u>Nitrile (NBR)</u>
Aliphatic Hydrocarbons	Excellent
Aromatic Hydrocarbons	Good
Lacquer Solvents	Fair
Oil & Gasoline	Excellent
Animal & Vegetable Oil	Excellent
Water Absorption	Fair to Good
Oxidation	Fair to Good
Ozone	Fair
Sunlight	Fair
Heat Aging	Very Good
Flame	Fair to Poor
Heat	Good to Excellent
Cold	Good to Excellent

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