



biothaneusa.com

Part Number	B10TF100BL231-BSEM-T100B
Width	0.975 (0.940 - 1.010)
Thickness	0.050 (0.045 - 0.055)
Webbing	Polyester
Coating / Hardness	TPU / 78A
Coating Texture	Sand Emboss
Gloss	Low Gloss
Break Strength (lbf) ASTM D6775	1250
90° Flex Test at Room Temperature (lbf)	1.49
Kinetic CoF - 1/2" Sled, Belt on Belt ASTM D1894	-
Hexbar Abrasion - % Strength Retention ASTM D6770	-
Taber Abrasion - grams lost ASTM D4060	0.037
Accelerated Weathering ASTM G155	Good
Vicat Softening Temp (°C) ASTM D1525	52.4
Glass Transition Temp (°C) ASTM E1356	-46
Clorox® Healthcare Bleach Immersion (3 days)	Fair
Opti-Cide3® Immersion (3 days)	Good
Diversey Oxivir® 1 Immersion (3 days)	Not Recommended
Diversey Virex® Tb Immersion (3 days)	Fair
Biocompatibility - Cytotoxicity ISO 10993	Pass (2)
Biocompatibility - Irritation ISO 10993	Pass (0)
Resistance to Fungi ASTM G21	3 (<60%)

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