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Product Specification Sheet

Part # 22035

Product Tek Air 70d - TPU (Thermoplastic polyurethane)

Description TEK AIR 70 TPU is a 70-denier low shear nylon fabric that is weldable. It is soft, air-holding fabric that is stain resistant and fluid proof. It is used in a variety of applications.

- Key Features**
- Fluid Proof
 - Stain Resistant
 - Weldable
 - Bacteria Resistant

- Applications**
- Luggage
 - Bags
 - Backpacks
 - Tents
 - Industrial
 - Medical and Healthcare

Color Navy

Width 58"

Thickness 3mil

Weight Finished Weight 183 g/m2

Composition 70D x 70D Nylon | 190 T Dyed/Polyurethane (PU)

Test/Property	Method	Unit/standard	Results
Breaking Strength (Grab)	FS191a 5041	kg/in	Warp:64.1 Weft: 53.2
Tearing Strength (Tongue)	FS191a 5134	kg	Warp: 1.0 Weft: 0.7
Wet Breakaway Adhesion (RF weld TPU to TPU)	HY-01 (Modify FS191a method 5970) After 65°C 2hrs via water bath	kg/3cm	Warp: 26.9 Weft: 27.6
Elongation (at Break)	FS191a Method 5100	kg	Warp: 34.2 Weft: 40.6

Test/Property	Method	Unit/standard	Results
Seam Strength (1/8" RF Breakaway)	FS191a Method 5970	kg/3cm	Warp: 29.7 Weft: 28.7
Blocking	FS191a Method 5872	grade	1
Laundry Requirements	ISO 6330 (Washes 10 times)	grade	No Damage
Curl Degree	After 25°C, 65% RH, 10 minutes	cm	0.0