


Product Name: TPU 2256 Provisional

Aliphatic TPU, 100% Polyurethane Coating, Excellent antibacterial and hydrolytic resistance, Low temperature resistance.

End Use: Boats, Kayaks

Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	Polyester 990 Den 7.4 [Oz/yd²]	Polyester 1100 Dtx 250 [gr/m²]
Total Weight ASTM D 751	31.8 [Oz/yd²]	1080 [gr/m²]
Breaking Strength - Strip ASTM D 751 method B	370 / 390 [lbs/inch]	3300 / 3500 [N/5 cm]
Elongation ASTM D 751 method B	24 / 32 [%]	24 / 32 [%]
Tear Strength ASTM D 751 method B	15 / 18 [lbs]	70 / 80 [N]
Coating Adhesion (HF welding) ASTM D 751	28 / 28 [lbs/inch]	250 / 250 [N/5 cm]
Puncture Resistance Fed. Std. 101-2031	220 [lbs]	1000 [N]
Abrasion Resistance (Taber H-22 Wheel 1 Kg load) ASTM D 3389	<5 mg / 1000 cycles >25,000 cycles to expose the fabric	
Air Porosity B.S. 4F 100 Clause 32.1	Pass (10 min at 7 psi)	

Comments: Preliminary specification based upon initial production