

Product Name: TPU 2012

TPU coated membrane based on Nylon fabric, both sides of the product are coated.

End Use: Immersion Suits, Buoyancy Compensators, Life Vests

Properties Test & Method	Typical Characteristics	
	English	Metric
Base Fabric	Nylon 210 Den 3.1 [Oz/yd ²]	Nylon 235 Dtx 105 [gr/m ²]
Total Weight ISO 3801	12.5 [Oz/yd ²]	430 [gr/m ²]
Breaking Strength - Strip ISO 1421	110 / 88 [lbs/inch]	1000 / 800 [N/5 cm]
Tear Strength BS 3424 P.5 Me 7B	7.7 / 7.7 [lbs]	35 / 35 [N]
Coating Adhesion (HF Welding) ISO 2411 -Dry	16.5 / 16.5 [lbs/inch]	150 / 150 [N/5 cm]
Coating Adhesion (HF Welding) ISO 2411 After Hydrolysis (24 hours @ 3% Saline Solution)	11/11 [lbs/inch]	100 / 100 [N/5 cm]
Cold Crack / Bend DIN 53361	-40°F	-40°C
Air Porosity B.S 4F 100 Clause 32.1	Pass (10 min at 7 psi)	
Cytotoxicity ISO 10993-5.2009	0	