

Product Name: TPU 2007
TPU Both sides coated membrane, Nylon fabric.
End Use: Medical, Inflatable

Properties Test & Method	Typical Characteristics	
	English	Metric
Base Fabric	Nylon 840 Den 6.5 [Oz/yd ²]	Nylon 940 Dtx 220 [gr/m ²]
Total Weight B.S. F 100 Clause 3.2	17.6 [Oz/yd ²]	600 [gr/m ²]
Tensile Strength ISO 1421	235 / 235 [lbs/inch]	2100 / 2100 [N/5 cm]
Breaking Strength - Grab ASTM D 751 method A	485 / 440 [lbs]	2200 / 2000 [N]
Breaking Strength - Double Rip ISO 4674	18 / 18 [lbs]	80 / 80 [N]
Tear Strength - Trapez DIN 53363	29 / 29 [lbs]	130 / 130 [N]
Tear Strength - Single Rip ASTM D 751 method B, DIN 53363	8.8 / 8.8 [lbs]	40 / 40 [N]
Tear Strength - Trapez ISO 1421	175 / 155 [lbs]	800 / 700 [N]
Adhesion ISO 2411 Dry After 24 hrs in 3% NaCl solution	50 / 50 [lbs/inch] 15.6 / 12.3 [lbs/inch]	300 / 250 [N/5 cm] 140 / 110 [N/5 cm]
Air Porosity ISO TR 6065 Para A.2.10.2	No Bubbles	
Weld Strength (HF Welding)	50 / 50 [lbs/inch]	450 / 450 [N/5 cm]
Cold Crack / Bend DIN 53361	-58°F	-50°C
Cytotoxicity ISO 10993-5.2009	0	