



Product Name: TPU 2054

TPU Coated both sides membrane, PES fabric

End Use: Potable Water Tanks

Approved for International Specification: WRAS; BS 6920;

Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	Polyester 1000 Den 6 [Oz/yd ²]	Polyester 1100 Dtx 205 [gr/m ²]
Total Weight ASTM D 751	17.7 [Oz/yd ²]	600 [gr/m ²]
Breaking Strength - Strip ASTM D 751 method B	300 / 280 [lbs/inch]	2700 / 2500 [N/5 cm]
Tear Strength – Single Rip ASTM D 751 method B, DIN 53356	18 / 18 [lbs]	80 / 80 [N]
Coating Adhesion (HF welding) ASTM D 751	45 / 45 [lbs/inch]	400 / 400 [N/5 cm]
Air Porosity B.S. 4F 100 Clause 32.1	Pass (10 min at 7 psi)	
Weathering - 4000 hrs. ASTM G 154 UVA 8 hrs. 60°C, 4 hrs. Cond. 50°C	No cracking No change on surface texture. Slight color change	
Cold Crack / Bend Din 53361	-76°F	-60°C
Puncture Resistance Fed. Std. 101-2031	242 [lbs]	1100 [N]

Comments: Preliminary specification based upon **estimated** figures

