

Product Name: TPU 2053 Provisional

TPU Coated both side membrane, PES fabric

End Use: Potable Water Liners

Approved for International Specification: WRAS; BS 6920;

Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	Polyester 1000 Den 3.4 [Oz/yd ²]	Polyester 1100 Dtx 115 [gr/m ²]
Total Weight ASTM D 751	16.2 [Oz/yd ²]	550 [gr/m ²]
Breaking Strength - Strip ASTM D 751 method B	134 / 134 [lbs/inch]	1200 / 1200 [N/5 cm]
Tear Strength – Single Rip ASTM D 751 method B, DIN 53356	44 / 44 [lbs]	200 / 200 [N]
Coating Adhesion (HF welding) ASTM D 751	11 / 11 [lbs/inch]	100 / 100 [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	-58°F	-50°C

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

