

TECHNICAL DATA

Sr. No.	Physical Property	Typical Result	Test method
1.	Thickness, mm	1.55	ASTMD- 751
2.	Tolerance to normal thickness, %	+/-10	ASTMD 751
3.	Colour	Grey Black	
4.	Ozone Resistance* Condition after exposure to 100pphm Ozone in air for 168 hrs @ 34°C Specimen wrapped around 3" mandrel	No Cracks	ASTM D1149
5.	Breaking Strength, min (N)	1023	ASTMD 412 Grab method
6.	Heat resistance Properties after 4 weeks @34°C Breaking Strength, min, lbf (N) Elongation, Ultimate, min, % Linear Dimensional Change. Max, %	250 (1112) 200** +/-1.0	ASTMD-75 ASTMD 751 ASTMD 751 ASTM D 1204
7.	Brittleness Temp, max, deg C	-50	ASTMD 2137
8.	Tensile Strength, N/50mm	>1000	ASTMD 751
9.	Tearing Strength N Tongue Tear	300	ASTMD-751B
10.	Elongation Ultimate, min,% Grab Method	500	ASTMD-751
11.	Static Puncture Resistance, (N)	>1000	FTM 2031
12.	Hydrostatic Pressure Resistance, min,(psi) (Mpa)	440 (3.0)	ASTM D 751
13.	Resistance to aging & UV rays Xenon – Arc, 7560kJ/m² total radiant exposure at 70W/M2 rediance (80C) black panel temperature	No cracks No Crazing	ASTM D 4637
14.	Resistance to Water absorption % After 7 days immersion @ 70°C Change in mass, max, %	+8.0 -2.0**	ASTM D 471
15.	Vapour diffusion coefficient	< 24,000	ASTM D 624