

Particulars		TestMethod	Unit	High Transmittance (T601FC)	UV Resistance (B601FC)
Density		ASTMD792	g/cm ³	0.95 – 0.96	0.95 – 0.96
Length		SLK Method	Sq./roll	150	150
Width		Scale	mm	300 – 2100	300 – 2100
Thickness		SLK Method	mm	0.45	0.45
Melting Temperature		SLK Method	°C	70 ± 2	70 ± 2
Reflective Index		ISO 489		1.48	1.48
Shrinkage	MD	GB/T 29848-2013	%	< 3.0	< 3.0
	TD		%	< 1.5	< 1.5
Light Transmittance	1100 nm – 360 nm	ASTM E 424	%	>91	> 91
	360 nm – 290 nm		%	> 80	> 30
Peel Strength (Adhesion)	EVA/ Glass	ASTM D 903	N/cm	> 60	> 60
	EVA/ Backsheet	ASTM D 903	N/cm	>40	>40
Degree of Crosslinking (Gel Content)		Soxhlet	%	>75	>75
Volume Resistivity		ASTM D 257	Ω cm	1.0 × 10 ¹⁵	1.0 × 10 ¹⁵
Hydrothermal aging test		SLK Method	ΔYI	< 4	< 4
Elongation at break		ASTM D 638	%	> 600	> 600
Tensile Strength		ASTM D 638	MPa	15 ± 3	15 ± 3
VA Content		-	-	28	28
General Gram Weight (GSM)		SLK Method	g/m ²	390 ± 20 (for 0.45 mm) * Depends on thickness	390 ± 20 (for 0.45 mm) * Depends on thickness
Water Absorption		ISO 62 – 200805	%	≤ 0.1	≤ 0.1
Dielectric Strength		ASTM D 149	kV/mm	≥ 25	≥ 25