CSP™-TPO

CSP™-TPO 60 | 60 mils

Base Fabric	Standard	Metric
Base Fabric Weight	3.01 oz / yd²	102 g / m²
Fiber/Style	Polyester - Aramid / Knit	

Coated Fabric	Standard	Metric
Thickness, overall	60 (+/- 6) mils	1.52 (+/- 0.01) mm
Thickness, over scrim (min)	15 mils	0.38 mm
Coating Type	TPO	

Material Properties	ASTM Test Methods	Standard	Metric
Tensile Strength, Grab (Warp / Fill)	D751A	275 / 300 lbs	1,220 / 1,330 N
Tear Strength, 6.5" x 7" specimen (Warp / Fill)	D751B (mod)	65 / 65 lbs	289 / 289 N

Properties After Oven Aging (retained)
    Tensile Strength, Grab
    Tensile Elongation
    Tear Strength
    Weight Change
	D573	90%
		90%
		60%
		+/- 1%	

Puncture Strength (FTMS 101C)	Method 2031	275 lbs	1,220 N
Hydrostatic Resistance	D751A	450 psi	3.1 MPa
Seam Adhesion (thermal)	D751	35 lbs / in	61 N / cm
Abrasion Resistance (H18 / 1 kg)	D3884	2,000 cycles	
Ozone Resistance (no cracks)	D1149	Pass	
Water Absorption	D471	< 1 %	
Dimensional Stability (1 hr / 100ºC)	D1204	< 1 %	
Solar Reflectance (white)	C1549	0.79	
Solar Emittance (white)	E408	0.87	
Solar Reflective Index	E1980	98	
Low Temp	D2136	-40°F	-40°C
High Temp, Cont/Interm.	D1204	180 / 200°F	82 / 93°C

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