

FLUX™		
No. of multi-layers	6	7
Thickness	12 mm to 25 mm	
Panel Width	600 mm to 1200 mm	
Min. cold bending radius	2.50 m to 6.00 m	
Min. recommended slope	5° or 9%	

Test	Procedure	Remarks
Density	ISO 1183	1.2 gm/cm ³
Tensile Modulus	ISO 527	2400 MPa
Yield Stress	ISO 527	60 MPa
Strain at Yield	ISO 527	5.5%
Stran at Break	ISO 527	104%
Flexural Strength	ISO 178	94 MPa
Flexural Modulus	ISO 178	2300 MPa
Yellowness index	ASTM D1925	Delta 1 unit after 500 Hours' UV weathering
Light Transmission	ASTM D1003	Shall not decrease more than 6% after 10 years
Impact	ASTM E-822-81	Panels repels hail stones of 25mm at velocity 21m/sec. No penetration
Sandbag impact test	AS/NZS4040.4-1996	Pass
OSHA Compliance -Fall protection / Walk through	ASTM E695	500 ft. lbs
Fire reaction	EN 16153: 2013 + A1:2015	B s1/s2 d0
Dart drop impact	IS 14443 -97	No breakage
Dart drop impact after 500 hours' UV weathering as per	IS 14443 -97 ASTM G155 - Xenon Arc	No breakage
Visible light transmission %	ASTM E 972-88	5% to 70%
UV weathering	ASTM G155 - Xenon Arc	No change after 500 Hours
UV blockage	DPI	99.9 % UV Blocked
Vicat softening temperature	DIN 53460	142°C
Long service temperature		-40°C to 120°C
Coeff. of linear thermal expansi	ASTM D 696	0.065mm/m°C
Water penetration	DPI	No penetration at 15psf
U-Value	EN ISO 10077-2: 2018	1.4 to 2.5 W/m2K for vertical or horizontal installation

DPI Daylighting pursues a policy of continuous product development and reserves the right to amend specifications without prior notice.