



Color	Alloy Grey	Ice Clear	Opal
Light Transmission	0%	70%	54%
Shading Co-efficient	0.12	0.79	0.53
Resin	High Chemical Resistance Polyester Resin + UV Stabilizer		
Fibreglass	Top grade reinforced fibreglass machine-chopped to 5 cm length		
Fibreglass content	More than 22%		
Top Coating	Dura Film 30 microns thick		
Bottom Coating	CR MAX 100 microns thick made from high quality Isophathatic resin providing high chemical resistance		
Bottom Flim	DuPont MELINEX[®] Film		
Tensile Strength	100 MPa		
Impact Strength	8 Joules		
Thermal Expansion	3.0 x 10 ⁻⁵ cm/cm °C		
Shear Strength	90 MPa		
Modulus of Elasticity	5500 MPa		
Compressive Strength	135 MPa		
Flexural Stength	150 MPa		
Specific Gravity	1.45		
Thermal Conductivity	0.158 watt/m °C		
Water Absorption	0.2% in 24hrs/26°C		
Recommended Service Temperature Range	-20°C to 110°C		
Warranty Period (2400 gsm & above)	Up to 20 years for Water Penetration		
Manufacturing Standard Certification	AS 4256.3-2006 from SAI GLOBAL, Australia		
	TIS 612-2549 from Thailand Industrial Standards Institute		
Standard Certification for Management System	ISO 9001:2008 from BVQI		
Premium Technologies with Outstanding Properties	- Fully Automatic Machine from Australia		
	- Evenly distributed of glass fibre reinforcement through Distribution Disc Technology		
	- Excellent Light Diffusion		
	- High Tensile Strength, twice the standard		