

Properties of SHINKOLITE™ DX

			SHINKOLITE™ DX #000, #001 3mm
Specific Gravity		ISO 1183,method A,C,orD	g/cm ³ 1.19
Optical	Refractive Index	ISO 489 method A	1.49
	Light Transmittance (Total)	ISO 13468-1	%
	Haze	ISO 14782	%
Mechanical	Tensile Strength		
	Rupture	ISO 527-2/1B/5	Mpa 74
	Elongation at Rupture	ISO 527-2/1B/5	% 4.5
	Flexural Strength		
	Rupture	ISO 178	Mpa 120
	Modulus of Elasticity	ISO 178	Mpa 3000
	Charpy Impact Strength (Unnotched)	ISO 179/1FU	KJ/m ² 17
	Rockwell Hardness	ISO 2039-2	Scale M 100
Thermal	Heat Distortion Temperature 2°C/Min -264psi	ISO 75-2/A	°C 96
	Coefficient of Thermal Expansion	ISO 11359,table2	cm/cm/°C 7.E-05
Miscellaneous	Water Absorption (Wt.Gain on Immersion for 24 hrs, 23°C)	ISO 62 method 1	% 0.3
Mar Resistance	Taber Abraser (100times)	ISO 9352	% 40

*Typical values should not be used for specification purpose.

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