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Physical Properties of “SHINKOLITE L NB00”

(thickness 3mm)

		Test Method	Unit	Value
Optical	Light Transmittance(Total)	ISO 14368-1	%	92
	Haze	ISO 14782	%	86
	Diffusivity	DIN 5036	%	14
	Gloss (60°)	JIS K7105	%	89
Mechanical	Tensile Strength			
	Rupture	ISO 527-2/1B/5	MPa	75
	Elongation at Rupture	ISO 527-2/1B/5	%	4.5
	Flexural Strength			
	Rupture	ISO 178	MPa	120
	Modulus of Elasticity	ISO 178	MPa	3200
	Impact Strength(Charpy)	ISO 179/1FU	KJ/m2	17
	Rockwell Hardness	ISO 2039-2	M scale	100
Thermal	Hot Forming Temperature		°C	135~175
	Heat Distortion Temperature 2°C/Min -264psi	ISO 75-2/A	°C	100
	Coefficient of Thermal Expantion	ISO 11359,table2	cm/cm/ °C	7×10E-5
Electrical	Surface Resistivity 28°C, 75%RH	ICE93	Ω	>10E16
	Volume Resistivity	ICE93	Ω-cm	>10E15
Miscellaneous	Water Absorption(Wt.Gain on Immersion for 24 hrs)	ISO 62 method 1	%	0.3
	Soluble Matter Lost after Immersion		%	0.0
	Flammability (UL94)	UL94		HB

These suggestions and data are based on the information that we believe to be reliable.

They are offered in good faith, but without guarantee since conditions and methods of use of our product are beyond our control.

Suggestions for uses of our product should not be understood as recommendations that it be used in violation of any patents.