

LonghuaPC-801E DATA SHEET

PROPERTIES	Test Methods	Units	Values
PHYSICAL			
Specific Gravity	ASTM D792	g/cm ³	1.2
Light Transmission	ASTM D1003	%	>89
Yellowness Index	ASTM D1925	—	<1.0
Water Absorption Equilibrium, 24 HRS	ASTM D570	%	0.35
MECHANICAL			
Tensile Strength	ASTM D882	psi	8,500
		MPa	55
Elongation at break	ASTM D882	%	>90
Tear Strength Propagation	ASTM D1922	g/mil	30
THERMAL			
Vicat Softening Temperature	ASTM D1525-00 Modified B	°C	160
	ISO 306	°C	149
Heat Deflection Temp	ISO 75 Modified	°C	142
ELECTRICAL			
Volume Resistivity@25°C, 50%RH	ASTM D257	Ohm-cm	10 ¹⁶
Surface Resistivity@25°C, 50%RH	ASTM D257	Ω / □	10 ¹⁵
Other			

Available Thickness :7um、10um、12um、15um、20um、25um、30umETC.

Note: The above figures are typical values obtained under standard methods and should not be construed as guaranteed data under unsteady application conditions.

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