

STRUCTURAL PANELS INC.

INSULATED PANEL BUILDING SYSTEMS

QUICKLINER

Key Characteristics

Physical	Typical Value	Test Method
Specific Gravity	1.445g/cm3	ASTM D 792
Mechanical	Typical Value	
Tensile Modulus		
Tensile Strength(Yield)	42.3Mpa	ASTM D638
Flexural Modulus	2779Mpa	ASTM D790
Flexural Strength	74.27Mpa	ASTM D790
Impact	Typical Value	Test Method
Notched Izod Impact-Across Flow 73F (23°C), 0.125 in (3.18mm), Compression Molded Drop Impact Resistance		
73F(23°C)	1.22in.lb/mil	ASTM D4226
73F(23°C)	8.00in.lb/mil	
Hardness	Typical Value	Test Method
Durometer Hardness(Shore D)	80	ASTM D2240
Thermal	Typical Value	Test Method
Deflection Temperature Under Load 264 psi(1.8Mpa),Unannealed,0.125 in (3.18mm)	70 °C	ASTM D648
CLTE-Flow	63.8*10 ⁻⁶ 1/°C	ASTM D696
Surface burning characteristics	Typical Value	Test Method
Flame Spread Index	10	ASTM E84
Smoke developed index	400	

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