

ACRILICO

DIMENSION: 2.45M*1.25M

GROSOR: 3MM

	Item	Test method and conditions	Unit	Data-Grade A
General	Specific gravity	ISO7823-1:2003	—	1.2
	Relative density		—	1.2
	Water absorption rate (24hrs)		%	0.085
	Vicat softening point (Full)		°C	113
Mechanical	Tensile strength	ISO7823-1:2003	MPa	77
	Elongation at break		%	5.3
	Flexural strength		MPa	Transverse: 64.3 Longitudinal: 67.8
	Flexural modulus			3140
	Izod impact strength (notched)		J/m	16.9 Ki/m ²
	Rockwell hardness		M scale	94
Optical	Total light transmittance	ISO7823-1:2003	%	96%
	Haze			1.10%
	Refractive index		—	1.49
Thermal	Heat deflection	ISO7823-1:2003	°C	96
	Flammability		mm/min	/
	Linear expansion coefficient		mm/mm/°C	Transverse: $6.33 \times 10^{-5}K^{-1}$ Longitudinal: $6.66 \times 10^{-5}K^{-1}$

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