

Plexiglas® Q

Polymethyl Methacrylate Acrylic
Altuglas International of Arkema Inc.

Message:

Plexiglas Q is a solvent craze resistant sheet.

General Information			
UL YellowCard	E39437-231426		
Features	Good Impact Resistance		
	Good Processability		
	Good UV Resistance		
	Good Weather Resistance		
	High Clarity		
	Machinable		
	Paintable		
	Solvent Resistant		
Forms	Sheet		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ASTM D638
Tensile Strength (Break)	75.2	MPa	ASTM D638
Tensile Elongation (Break)	6.0	%	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Flexural Strength (Yield)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 12.7 mm)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	94.4	°C	ASTM D648
CLTE - Flow	6.3E-5	cm/cm/°C	ASTM D696
Thermal Conductivity	0.16	W/m/K	ASTM C177
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.490		ASTM D542

Transmittance	92.0	%	ASTM D1003
Haze	1.0	%	ASTM D1003

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Recommended distributors for this material

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