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TECHNICAL SPECIFICATION---Acrylic Sheet

Acrylic Sheet details for your fast checking:

Item Name	Cast Acrylic Sheet, 100% virgin
Thickness	1mm to 40mm
Color	Transparent, white, opal, black, red, green, blue, yellow, etc. OEM color OK
Standard Size	1.22*2.44m, 2.05*3.05m, 1.55*3.05m, or customized
Density	1.2g/cm ³
Application Area	<p>1.Construction: show window, doors, light-absorbing shade, telephone booth, partition board in office and house.</p> <p>2.Advertisement: lamp house,signboard,indicator,display rack.</p> <p>3.Transportation: door and window of car and train or others.</p> <p>4.Medical: infant incubator, many kinds of medical apparatus.</p> <p>5.Civilian goods: bath room, art work, cosmetics, bracket, desk, chair, kitchen,the aquarium and sanitary application.</p> <p>6.Industrial: instruments and insulation material meters and protecting cover, photics and other industry.</p> <p>7.Lighting: daylight lamp, ceiling lamp, lamp-chimney,Light diffusion.</p> <p>8.Product design:engraving, making gift items,stationery rack, mining mask.</p>
MOQ	2 tons, can be mixed with colors/sizes/thickness
Delivery time	10-25days
Package	PE Film Wrapping / Craft paper + double sides protection film + Pallets

Physical Property of Cast Acrylic Sheet			
	Property	Unit	Value
Mechanical	Specific Gravity	/	1.19-1.2
	Rockwell Hardness	kg/cm ²	M-100
	Shear Strength	kg/cm ²	630
	Flexural Strength	kg/cm ²	1050
	Tensile Strength	kg/cm ²	760
	Compressive Strength	kg/cm ²	1260
Electrical	Dielectric Strength	Kv/mm	20
	Surface Resistivity	ohm	>10 ¹⁶
Optical	Light Transmittance	%	93
	Refractive Index	/	
Thermal	Specific Heat	Cal/gr°C	0.35
	Coefficient of Thermal Conductivity	Cal/see/cm°C/cm	
	Hot Foming Temp	°C	140-180
	Hot Deformation Temp	°C	100
Miscellaneous	Thermal Expansion Coefficient	Cm/cm°C	6X10 ⁻⁵
	Water Absorption(24Hrs)	%	0.3
	Taste		None
	Odor		None

Note:
Optional treatment need additional cost. Detail information please contact our sales.