

# Plastiglas Sensacryl® FP

Acrylic

Plastiglas de Mexico S.A de C.V.

## Message:

Acrylic sheet is well known for its excellent properties in weather ability, durability and gloss, resulting in its superior performance in a wide variety of applications. In addition to the generally recognized quality of acrylic sheet, Sensacryl FP, a cross linked cell cast acrylic sheet, has outstanding properties, allowing the thermoformer to archive very good results in sanitary appliances such as bath tubs, shower trays, vanities, etc.

General Information			
Features	Crosslinkable		
	Durable		
	Good Weather Resistance		
	Medium Gloss		
Uses	Bathroom Accessories		
Appearance	Colors Available		
Forms	Sheet		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm <sup>3</sup>	ASTM D792
Water Absorption (23°C, 24 hr)	0.20 to 0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	95 to 100		ASTM D785
Barcol Hardness	48 to 52		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2550	MPa	ASTM D638
Tensile Strength	68.9 to 75.8	MPa	ASTM D638
Tensile Elongation (Break)	2.0 to 6.0	%	ASTM D638
Flexural Strength	89.6 to 103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21 to 32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	91.1	°C	ASTM D648
Melting Temperature	180 to 210	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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