

# Plastiglas Sensacryl® Ultra

Acrylic

Plastiglas de Mexico S.A de C.V.

## Message:

Sensacryl Ultra is a sanitary grade cell cast acrylic sheet with outstanding thermoforming properties, chemical and stain resistance and it is the best alternative for the design and fabrication of Bathtubs; shower trays, shower enclosures,bath panels,special needs baths,etc.

Sensacryl Ultra can be produced in whites, pastels, bolds and marbles in a wide variety of sizes and thickness. Color matching and cut-to-size for specific requirements are available upon request. (see Table 2 for details).

Sensacryl Ultra acrylic sheet has been submitted to an approved outside laboratory for compliance to the ANSI-Z-124.1, and EN-263:1997 standards for plastic materials used in hot tubs and associated equipment.

General Information			
UL YellowCard	E220737-229612		
Features	Good Chemical Resistance		
	Stain Resistant		
Uses	Bathroom Accessories		
Agency Ratings	ANSI Z 124.1-1967		
	EN 263:1997 Section 9		
Appearance	Colors Available		
Forms	Pellets		
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)	90 to 92		ASTM D785
Barcol Hardness	38 to 40		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2210	MPa	ASTM D638
Tensile Strength	65.5 to 72.4	MPa	ASTM D638
Tensile Elongation (Break)	3.0 to 7.0	%	ASTM D638
Flexural Strength	96.5 to 110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21 to 32	J/m	ASTM D256
Gardner Impact	1.58	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	91.1	°C	ASTM D648
Melting Temperature	170 to 190	°C	
Flammability	Nominal Value		Test Method

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#### Recommended distributors for this material

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