



U.V. Transmitting - Acrylic



POLYCAST SOLACRYL™ SUVT

- **Superior Clarity** - SUVT is crystal clear, it's the highest clarity acrylic available in the tanning industry
- **Long lasting Guarantee** - 5000hr warranty
- **Impact Resistance** - withstands continuous daily use in salons, and resists nicks and scratches that can reduce UV transmission
- **Resists Yellowing and Hazing**
- **Chemical Resistance**
- **Easily formed** - can be cut, drilled, and shaped by conventional techniques

Sizes: Five standard sheet sizes - Up to 6' x 8'
Thickness up to 0.312 "

Applications: • Tanning Industry • Skylights in Zoos



Property (1)	Value	ASTM Method
Modulus of Elasticity, psi	400,000	D638
Tensile strength (Rupture), psi	8600	D638
Elongation Rupture, %	6-8	D638
Specific Gravity	1.19	D792
Residual shrinkage, %	-2	D4802
Refractive Index	1.49	D542
Luminous Transmittance (as-cast), %		D1003
Parallel	91	
Total	92	
Haze	<1	
Hot Forming Temperature, °F	290-330	D648
Heat distortion Temperature, °F	200	
Maximum Continuous Service Temperature, °F	140-170	
Coefficient of Linear Thermal Expansion, in/in/°F	0.000042	D696
Flammability, in/min	1.1 - 1.3	D635
UL Flame Class	94 HB	UL
Self-Ignition Temperature, °F	800-860	D1929
Plastic Component	listed	UL 746C

(1) Tests conducted on material 0.187 in thick (average value)

Note: These data are typical sheet properties and are not intended for specification purposes.

The properties are listed solely to give general guidance and are not to be construed as a warranty of any type.