



TECHNICAL DATA

Solid Cast 680, ROTATIONAL SLASH MOULDING POLYURETHANE

Solid Cast 680 liquid polyurethane is useful for casting decorative objects, production parts, tools, models, patterns, fixtures, duplicate masters and more. Extremely low viscosity provides for easy mixing, excellent detail penetration and the most bubble-free castings without employing vacuum degassing and pressure casting techniques. A rapid demould time makes Solid Cast 680 ideal for high volume, fast cast applications.

Uses

Solid Cast 680 is ideal for rotocasting or slush casting to create hollow parts, Thin-walled castings made from Solid Cast 680 have surprising strength and lack the brittleness typical of other low viscosity, fast polyurethane resins

Solid Cast 680 – Chemical Properties

Mix Ratio	1A:1B
Initial Mixed Viscosity (cP)	120

Solid Cast 680 – Post Cured Data

Hardness, Shore	D65
Pour Time	2-2.5 Minutes
Curing Time (25° C)	30 Minutes
Color, Cured	White
Shrinkage (in/in)	-

Packaging

Solid Cast 680 is supplied in 1, 4 and 20 kilogram kits.

Storage and Shelf Life

Solid Cast 680 and Catalyst should stored at a temperature below 30°C and be used within 12 months of delivery.

Safety

Please refer to the Safety Data Sheets on Solid Cast 680 and Catalyst.

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