

# Thermoset Plastics UR-127

Polyurethane

Thermoset, Lord Chemical Products

## Message:

Thermoset Plastics UR-127 is a Polyurethane material. It is available in North America for casting.

Important attributes of Thermoset Plastics UR-127 are:

High Hardness

Low Viscosity

General Information			
Features	High Hardness		
	Low Viscosity		
Appearance	White		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.11	g/cm <sup>3</sup>	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.9	MPa	ASTM D638
Tensile Elongation (Yield)	15	%	ASTM D638
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
	Mix Ratio by Volume: 1.0		
Hardener	Mix Ratio by Weight: 1.0		
	Mix Ratio by Weight: 1.0		
Resin	Mix Ratio by Volume: 1.1		
Thermoset Mix Viscosity (25°C)	300	cP	ASTM D2393
	4300 to 5800		
Demold Time (25°C)	480 to 720	min	

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

