



# Pro-Cast 132

## Description

Pro-Cast 132 resin and hardener is a fast-curing polyurethane casting system designed for quick, accurate reproduction of finely detailed surfaces.

## Physical Properties

Color (when mixed)	Gray
Mix Ratio (by weight or volume)	1:1
Mixed Viscosity (cps)	5,000
Gel Time (min. @ 72°F.)	5-7
Hardness (Shore D)	84
Compressive Strength <sup>[1]</sup> (psi)	8,200
Flexural Strength <sup>[2]</sup> (psi)	6,700
Flexural Modulus <sup>[2]</sup> (psi)	635,000
Tensile Strength <sup>[3]</sup> (psi)	4,200
Tensile Modulus <sup>[3]</sup> (psi)	759,000
Izod Impact Strength <sup>[4]</sup> (ft-lbs./in.)	0.31
Specific Gravity	1.71
Linear Shrinkage <sup>[6]</sup> (in./in.*)	0.0028
Vol. Wt. Ratio (cu. in./ lb.)	16.2
Deflection Temperature @ 66 psi <sup>[7]</sup> (°F)	146°F
Demold Time (minutes)	30-60

\*-Actual shrinkage dependent upon mass

ASTM Tests: [1]-D695, [2]-D790, [3]-D638, [4]-D256, [5]-D696-98, [6]-D2566, [7]-D648

## Ordering Information

Item Number	Description	Net Wt.
056347	Pro-Cast 132 Gallon Unit	20 lbs

Physical and mechanical properties of tooling plastics herein reported are typical after a full cure of seven (7) days at room temperature or equivalent. Designated mix ratios must be adhered to for desired results.

**READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT**

Freeman Mfg.  
& Supply Co.  
1101 Moore Rd  
Avon, OH 44011

Phone 800 321 8511  
Fax 440 934 7200

[www.freemansupply.com](http://www.freemansupply.com)

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