

### Product Highlights

- Superior properties
- Abrasion resistant
- High tear strength

Mixing Properties:	Part A (Isocyanate)	Part B (Polyol)
Mix Ratio (Parts by Weight)	100	18
Mix Ratio (Parts by Volume)	100	16
Viscosity cps @100F	3,500	300
Viscosity cps @ 100F (mixed)	3150	
Specific Gravity @ 77F (mixed)	1.08	
Gel Time @77F (minutes)	25 ±5	
Demold Time (hours, varies w/ mass)	5 ±1	

Physical Properties:	ASTM Method	Cured Properties
Hardness, Shore D	D-2240	63 ± 5
Density @ 77°F (g/cc)	D-792	1.08
Tear Strength (Die C PLI)	D-624	950
Tensile Strength (PSI)	D-412	4000
Flexural Modulus (PSI)	D-790	31,500
IZOD Impact Notched (ft-lb/in)	D-256	Did not break (15.0+)
Elongation (%)	D-412	380
Shrinkage (in/in) (5"x .125"x .5"sample)	D-2566	0.004
Taber Abrasion (H-18, 1000 cycles)	D-4060	5 mg loss
Color	Visual	Amber

**Physical properties obtained using ambient room temperature (77°F). Tested after 7 days.**

### Other related products offered

- Silicone rubber
- Mold release agents
- Mix tubes
- Additional products available. Inquire directly for products not listed.

## **Processing suggestions:**

- Thoroughly agitate polyol (hardener) component to be sure the liquid is homogeneous.
- Heat iso to 100F for an easy to mix viscosity.
- Properly weigh out the appropriate amounts of resin and hardener.
  - Mix Thoroughly for two minutes being sure to scrape sides and bottom of container.
  - For best results, de-air the product before pouring into mold.

## **Kit Sizes and Weights:**

- |                   |            |
|-------------------|------------|
| • Quart Kit       | 2.36 lbs.  |
| • Gallon Kit      | 9.44 lbs.  |
| • Five Gallon Kit | 47.2 lbs.  |
| • Drum Kit        | 519.2 lbs. |

## **Safety Precautions:**

The safety data sheet (SDS) for this or any Thermoset Solutions, LLC product should be read prior to use and is available upon request from Thermoset Solutions, LLC.

Use in a ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

## **If Contact Occurs:**

- Eyes: Immediately flush with water for at least 15 minutes. Call a physician
- Skin: Immediately wash with soap and water. Remove contaminated clothing. Do not use solvents to wash skin. Seek medical attention if allergic reaction occurs.
- Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel.

## **Notice:**

The information contained in this tech data sheet is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.

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