

## 60A / Translucent

Tough, abrasion resistant polyester based urethane

### Key Properties

- Excellent physical properties after RT cure
- Free of mercury, MOCA or TDI

### Applications

- For hand-batch processing

### Processing Properties

			Resin (Isocyanate)	Hardener (Polyol)
Mix ratio		pbw	50	100
		pbv	49	100
Density	ASTM D-792	g/cm <sup>3</sup>	ca. 1.27	ca. 1.23
Viscosity at 77°F (25°C)	ASTM D-2393	cP	ca. 200	ca. 1,200

			Mixture
Mix viscosity at 77°F (25°C)	ASTM D-2393	cP	ca. 575
Gel time at 77°F (25°C)		min	9-15
Demold time at 77°F (25°C)		h	2-8

### Cured / Mechanical Properties (approximate values)

Cure 1: 24 hours at 77°F Cure 2: 7 days at 77°F			Cure 1	Cure 2
Aspect	visual		Clear	Clear
Density	ASTM D-792	g/cm <sup>3</sup>	1.21	1.21
Shore hardness A	ASTM D-2240		55-65	55-65
Tensile strength	ASTM D-638	psi	500	570
Elongation at Break	ASTM D-638	%	200	200
Tear strength	ASTM D-624	pli	75	117
Linear shrinkage	ASTM D-2566	in/in	0.001-0.003	0.001-0.003

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### Processing

**The processing and material temperature should be between 68-77°F (20-25°C).**

IE-3261 may be inhibited by certain silicone rubbers. It is recommended that a sample be prepared to verify compatibility.

**Agitate the hardener and resin before use to ensure that the formula is homogeneous.**

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### Packaging

IE-3261 Quart Kit	3 lbs.
IE-3261 1 Gal. Kit	12 lbs.
IE-3261 5 Gal. Kit	60 lbs.
IE-3261 Drum Kit	675 lbs.

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### Storage

Original containers should be kept tightly sealed and stored at ambient temperatures 59-86°F (15°C to 30°C). If properly stored the products have the shelf-life indicated on the product label.

Partly used containers should always be sealed appropriately and used up as soon as possible.

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### Handling Precautions

Good workplace ventilation is to be ensured during processing. At the same time, the employer's liability insurance association's industrial hygiene safety regulations regarding the handling of reaction resins and their hardeners are to be observed. Please take heed of the appropriate safety data sheets.

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