

# Technical Data Sheet



Willamette Valley Company

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Partnering through  
service, innovation, and  
integrity

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# Wilastomer CE-58

## Two-Component Polyurethane

### DESCRIPTION

Wilastomer CE-58 is a low viscosity, two-component polyurethane compound that has excellent physical properties. Some of its uses include casting, prototype part making and potting of electrical components. This an easy to use non-MOCA, non-TDI compound.

### WHERE TO USE

- Industrial Casting Applications
- Potting Electrical Components
- Molding Prototypes

### FEATURES AND BENEFITS

- Low Viscosity – easier pour or injection
- Excellent Physical Properties
- Versatile – meter or hand mixing
- Self-leveling – for use in open top molds

### PACKAGING

2 5-gallon pail kits  
2-Drum kits

### SHELF LIFE

12 months when properly stored.

### STORAGE

Store this product in a clean, dry, shaded or covered environment between 75-95°F (24-35°C). DO NOT FREEZE.

## TECHNICAL INFORMATION

### TYPICAL PROPERTIES

UNCURED	Resin	Iso	
Viscosity, centipoise	1000 +/- 100	1000 +/- 10	
Specific Gravity, g/cc (lbs/gal)	1.028 (8.6)	1.214 (10.08)	
Color	Clear	Pale Yellow	
Mix Ratio	By Weight	31	10
	By Volume		

MIXED		
Pot Life –minutes at 77°F (25°C) in 50 g (Slowed pot life material available)	2	
Tensile, psi	2000	
Elongation, %	500	
Hardness – Shore “A” (on fully cured material)	80 +/- 5	
Demold Time, minutes	10	
Colors	Off White	
Die C Tear, PLI	400	
Trouser Tear, PLI	60	
Cure Schedule, for full cure	Room Temperature	7 days
	140° F (60° C)	3 days

The above properties are laboratory results and are not to be used for specification purposes. User shall determine suitability for application.

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### PROCESSING

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Small Amounts may be mixed by hand; at a ratio of 3 parts resin to 1 part iso. However, for void-free casting, vacuum degas at 2mm Hg. Machine dispensing eliminates the need for degassing. Contact your Willamette Valley Company representative for metering applications.

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### CHEMICAL HANDLING

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CE-58 resin may separate upon standing. Mix prior to use. To avoid contaminating resin or isocyanate with moisture, purge drums with nitrogen before resealing.

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### HEALTH AND SAFETY

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Before handling, you should become familiar with the Safety Data Sheet (SDS) regarding the risks and safe use of this product. To obtain an SDS please call 800-333-9826 or send an email to: [mstds@wilvaco.com](mailto:mstds@wilvaco.com).

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### CONTACT INFORMATION

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