

Technical Data Sheet



W V C O

The Willamette Valley
Company LLC

www.wilvaco.com

800.333.9826

Partnering through
service, innovation, and
integrity

WESTERN DIVISION

660 McKinley Street
Eugene OR 97402
Tel. 800.333.9826

EASTERN DIVISION

6662 Marbut Road
Lithonia GA 30058
Tel. 888.878.9826

MIDWEST DIVISION

1549 Hwy 2
Two Harbors MN 55616
Tel. 218 834 3922

SOUTHERN DIVISION

100 Dixie Mae Drive
Pineville LA 71361
Tel. 800 444 9826

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.

PROCESSING

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.

CHEMICAL HANDLING

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.

HEALTH AND SAFETY

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: sds@wilvaco.com.

CONTACT INFORMATION

Please see the side bar on the front page for the Division nearest to your location

THE WILLAMETTE VALLEY COMPANY LLC

www.wilvaco.com
info@wilvaco.com

OTHER DIVISIONS

PERFORMANCE COATINGS

990 Owen Loop North
PO Box 2280
Eugene OR 97402
Tel 541.484.9621
www.POLYQUICK.com
www.wvcorailroad.com

PRECISION TECHNOLOGIES DIVISION

990 Owen Loop North
Eugene OR 97402
Tel 541.484.2368
www.pre-tec.com

CANADIAN DIVISION SURREY BRANCH

19081- 27 Avenue
Surrey BC V3S 5T1
Tel 800.663.4298

SUBSIDIARIES

ECLECTIC PRODUCTS INC.

Corporate Office
990 Owen Loop North
Eugene OR 97402
Tel 541.284.4667
www.eclecticproducts.com

IDAHO MILL & GRAIN

445 North 430 West Hwy
PO Box 188
Malad City Idaho 83252
Tel 208.766.2206

TAPEL WILLAMETTE LTD. S.A.

Av. Estero La Posada 3625
Parque Industrial Coronel
Coronel Chile
Tel 011.56.41.2.928.100
www.tapel.cl

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W07-R&D-TDS-038

REV01

Revision Date: June 2020