

Technical Data:

Issued: Sept. 2011
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U 260

Two-Component Semi-flexible Polyurethane Compound

Product Description

U 260 is a two-component, low viscosity, semi-flexible PU compound for potting, casting and encapsulating. U 260 exhibits good mechanical and electrical properties.

Features & Benefits

- Low viscosity
- High impact resistance
- Suitable for manual and automatic mixing
- Semi-flexible
- Good mechanical and electrical properties

Applications

Electrical and Electronic Potting and Encapsulating

Typical Uncured Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Base Resins	U 260 (A) UC 138 (B)	Polyol mixture Isocyanate
Appearance/Color	A B	Black Amber
Viscosity @ 25°C, mPa*s per ASTM-D-2393	A B	600-900 150-250
Density @ 25°C, g/cm ³	A B	1.05 1.20
Mix Ratio A:B (w/w)	100:50	
Mix Viscosity @ 25°C, mPa*s per ASTM-D-2393	400-600	
Gel-time @ 25°C, (100g), min	20-40	
Curing time @ 25°C, hr	24	

Instructions for use:

Stir compound U 260 thoroughly in the original container prior to use

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Typical Cured Properties

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Color	Off-White/Black
Final properties @ 25°C, days	>7
Hardness, ASTM –D-2240, Shore A	80-85
Tensile Strength, ASTM-D-638, MPa	7-9
Tensile Elongation, ASTM-D-638, %	80-110
Service Temperature, °C	-40 to 90

Storage

Store products at 15-30°C for maximum shelf life.

Packaging

Packaging sizes are available from 1L up to 5L jerricans.

Shelf Life

These products have a shelf- life of 9 months in their unopened original containers.

Limitation of Liability

Except where prohibited by law, Polymer-G and seller will not be liable for any loss or damage arising from the Polymer-G product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.