



Epoxy &
Polyurethane
Manufacturing and
Research

TECHNICAL BULLETIN

EPMAR® SS2130 Polyurethane Elastomer

Description

EPMAR® SS2130 is a two-component polyurethane elastomer system. Component “A” is a MDI base prepolymer. Component “B” is based on polyester polyols. This pourable EPMAR® SS2130 is formulated to produce good chemical resistance and good physical properties.

Technical Information

	Component A	Component B
Mix Ratio by Volume (A/B)	1	1
Mix Ratio by Weight (A/B)	51.5	48.5
Solid Content by Weight	100%	100%
Viscosity, CPS @ 74°F.	1,300	750
Specific Gravity @ 74%	1.22	1.145
Lbs./Gal.	10.1	9.52
Color	Amber	Black
Temperature	70-120°F.	70-120°F.
Temperature of Mold	70-140°F.	70-140°F.

Processing Characteristics (100g Total Mix @ 75°F. of “A” & “B”)

Pot Life	10 seconds
Gel Time	60 seconds
Cure (optimum cure) @ 72°F.	3 days
Cure @ 160°F	1 hour
Hardness (ASTM D-2240)	70 A-80A Shore
Tensile Strength (ASTM D-412)	3500 psi
Elongation (ASTM D-412)	400%
Appearance	Black
Shelf Life (65-80°F.)	6 months
Storage Temperature	65-80°F.

CAUTION – Both Component A and Component B are moisture sensitive. Flush air space in opened containers with dry nitrogen before sealing. For Component A, handle very carefully. Do not breath vapor or mist. Avoid contact with skin and clothing. Use with adequate ventilation.



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Contact EPMAR for any additional application information.

Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.

Service is part of our formula

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