



Epoxy &
Polyurethane
Manufacturing and
Research

TECHNICAL BULLETIN
EPMAR® SS2120
Adhesive

Description

EPMAR® SS2120 is a two component, room temperature cure, 100% solids, polyurethane adhesive. SS2120 has excellent adhesion properties to various substrates including filaments of filtration units. Complies with U.S. Food and Drug Administration (FDA) regulation 21 C.F.R. section 175.105 when properly applied and intended for use as an adhesive.

Typical Technical Information

	Component A (Polyol)	Component B (Isocyanate)
Mix Ratio		
By Weight	46.7	53.3
By Volume	1	1
Solids Content By Weight	100%	100%
Viscosity, CPS @ 25°C (RVF, #7 @ 20 rpm)	10,000	10,000
Specific Gravity @ 25°C	0.925	1.050
Mixed Viscosity of "A" and "B"	8-12,000 cps	

Physical Characteristics (150 grams total mix, A & B @ 25°C.)

Pot Life	30 minutes
Gel Time	40 minutes
Tack Free Time on 10 mil thickness	3 - 4 hours
Cure Time	18 hours @ 25°C: 10 hours @ 90°C:
Hardness, Shore 0 (ASTM 0-2240)	45
Tensile Strength	1,900 psi
Elongation	290%
Shelf Life	6 months in separate sealed containers
Storage Temperature	20-35°C.
Temperature of Component	25-40°C.

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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