



EAGLE CHEMICALSTM
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Car Refinish / 2K Polyester Putty USP-EAGLE (BF36-62)62%

USP-EAGLE (BF36-62)62% is a Semi flexible pre-accelerated unsaturated polyester resin. Eagle Chemicals developed this product with excellent sandability adhesion to metal and fast curing for the manufacture of car putty compounds

RESIN SPECIFICATIONS

Resin Code	Non volatile	Viscosity @25°C	Color (Gardner)	Gel Time ±2	Cure Time	Peak Exothermic Temp
USP-EAGLE (BF36-62)	62%	L - Q	Max 8	6 min	14 - 18 min	120 ± 10 °C

RESIN PROPERTIES

- Amine-accelerated, unsaturated polyester resin of high reactivity and low viscosity
- Good stability properties
- Specially formulated for general automotive filling
- Two component polyester compound used to fill dents, dings, gouges and other surface imperfections
- Fairing gives an extremely high quality finish

GUIDE FORMULA

Raw material	(K.gm)	Remarks
USP-EAGLE (BF36-62)	160.00	Unsaturated polyester resin - Eagle Chemicals
BYK-W969	3.00	Dispersing agent
Aerosil 200	2.50	Thickener
SM4	120.00	Fine particle size Talc
ET2	89.50	Slightly coarse particle size Talc
EJSF	100.00	Fine particle size (CaCO ₃)
TIO ₂	5.00	White pigment
Styrene	20.00	
Total	500.00	

FEATURES

- Ease of Sanding
- Fast Curing
- Good Feather edging
- Very strong adhesion with a smooth texture
- Permanently durable
- Excellent Wettability

SURFACE PREPARATION

- Clean surface with warm, soapy water to remove all wax, grease and oil. Allow to dry
- Sand the damaged area with coarse 80 grit sand paper to remove all paint, primer and rust down to bare metal
- Remove sanding dust

TYPICAL PERFORMANCE PROPERTIES

- SHAPE SAND TIME:
12 to 15 minutes when mixed with 2% hardener by weight @25°C
- FINISH SAND TIME:
20-30 minutes when mixed with 2% hardener by weight @25°C
- Pot life:
4 to 5 minutes when mixed with 2% hardener by weight @25°C
- Max. recommended thickness (sanded):
¼ inch or 6.3 mm

APPLICATION

- Apply layer of mixed filler over repaired area using firm pressure to assure maximum adhesion. If necessary apply multiple coats to ensure better sanding
- Use of a dust mask is recommended
- Do not apply layers of filler that exceed 1/4-inch in thickness. For clean-up use Acetone

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