

PRODUCT CODE: C240213

POLYPLEX 7268 is a thixotropic, pre-accelerated, terephthalic polyester resin, suitable for the auto-patch industry. POLYPLEX 7268 is formulated for use in combination with POLYPLEX 7266 to assist with the settlement of fillers in auto-patch and putty compound formulations.

FEATURES

- Pre-accelerated
- Thixotropic
- Excellent storage properties
- Air-drying polymer

BENEFITS

- Cured with BPO catalyst when used in blends with Polyplex 7266
- Assist with filler settlement in auto-patch and putty compounds.
- Superior shelf life in compounded products.
- Ease of sanding and post finishing, fast drying.

SUGGESTED USE

Auto-patch and putty compounding

RECOMMENDED CATALYST

2% BPO (50% paste)

TYPICAL LIQUID RESIN PROPERTIES

PROPERTY	TYPICAL VALUE	TEST DETAILS
Appearance	Hazy Brown liquid	
Viscosity	1000 - 1500 cP	Brookfield RVT @ 25°C, Spindle 4/100 rpm
Geltime	3 - 6 minutes	2% BPO-50
Density	1.08	@25°C
Shelf Life	3 months	@20°C

Typical values: Based on materials tested in our laboratories, but varies from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

TYPICAL CAST UNFILLED RESIN PROPERTIES

PROPERTY	TYPICAL VALUE	TEST DETAILS
Tensile Strength	51 MPa	ISO R527
Flexural Strength	75 MPa	ISO 178
Flexural Modulus	2.1 GPa	ISO 178
Water Absorption	0.3% after 24hrs @25°C	ISO 62 (24 hours) ISO 180 (7 days)

Cast resin was prepared as laid down in BS 3532 using 2% BPO-50. Cured at room temperature for sixteen hours then post cured for two hours at 80°C followed by two hours at 100°C.

STORAGE AND HANDLING

To ensure maximum stability and maintain optimum resin handling properties, polyester resins should be stored in closed containers, away from heat sources and sunlight. The resin should be stored away from all sources of ignition. Stored resin quantities should be kept to a reasonable minimum and used on a first in/first out stock rotation basis. Prolonged storage, or unfavourable storing conditions, may cause separation, therefore agitation of the resin before use is recommended

STANDARD PACKAGING

Mild steel drums (225kg)

Always refer to the MSDS before use.