



SAMRAT POLY RESINS

Manufacturer of Coating & Composite Resins · Doraha, Ludhiana, Punjab, India

TECHNICAL DATA SHEET

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EPOXY HARDENER

Polyamide Curing Agent for Epoxy Systems · Clear, Low Viscosity · Solvent-Free, Low Yellowing

PRODUCT DESCRIPTION

Epoxy Hardener is a premium-quality polyamide curing agent formulated to provide excellent curing performance with compatible epoxy resins. Fully curing in around 24 hours, it delivers superior bonding strength, outstanding mechanical properties and excellent chemical and moisture resistance, with a bubble-free, super-gloss finish and low yellowing over time.

KEY FEATURES

- Polyamide hardener, clear/transparent
- 24-hour full cure; pot life 30–60 minutes
- Excellent adhesion and chemical resistance
- Bubble-free, super-gloss finish
- Solvent-free, low yellowing, 12-month shelf life

RECOMMENDED APPLICATIONS

- Epoxy art and river tables
- Clear casting and laminating
- FRP composites and industrial flooring
- Adhesives and protective coatings

TYPICAL TECHNICAL PROPERTIES

Hardener Type	Polyamide (amine-based curing agent)
Appearance	Clear / transparent liquid
Viscosity	500 cPs (at 25 °C)
Mixing Ratio (resin:hardener)	2:1 (by weight)
Pot Life	30–60 minutes (at 25 °C)
Full Cure Time	Approx. 24 hours (at 25 °C)
Key Characteristics	High strength, solvent-free, low yellowing
Compatibility	Epoxy resin systems
Specific Gravity / Density	0.97 g/cm ³
Amine Value	320 mg KOH/g
Shelf Life	12 months (unopened)
Storage	Store in a cool, dry place (15–30 °C), keep container tightly closed
Packaging	20 kg pack
Minimum Order Quantity	100 kg

SAFETY & HANDLING

Follow standard industrial safety practices when handling this product, including appropriate personal protective equipment and adequate ventilation. Refer to the applicable Safety Data Sheet (SDS) where available.

Disclaimer: The information above is based on data published by the manufacturer at the time of issue and is believed accurate. Values shown are typical and are not to be interpreted as guaranteed specifications; properties may vary within normal manufacturing tolerances between batches. Users are responsible for determining suitability for their intended application and should confirm current specifications directly with Samrat Poly Resins prior to use.