

Description Lapox AH-342 is a modified aliphatic amine with faster reactivity towards epoxy resins at room temperature. The fast reactivity of the hardener makes it suitable for filled system, especially for manufacturing of epoxy putty. Cured systems will exhibit good mechanical strength to various substrates. It can be used in combination of Lapox AH-350 to accelerate cure.

Advantages Excellent bond strength
Fast setting
Moderate viscosity

Applications Adhesive
Putty and mastics

Processing High speed mixing or kneader mixing

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear brownish liquid
Amine value	mg KOH/g	ASTM D2073	520 - 560
Viscosity at 25°C	m Pas	ASTM D2196	19,000 - 31,000
Density at 30°C	g/ml	ASTM D1475	1.07 - 1.17
Volatile content ¹	%	ASTM D1353	Max 0.5
Pot life at 25°C ²	Minutes	ASTM D2471	15 - 25
AHEW	g/eq	-	152
Recommended ratio	w/w	-	80

¹Volatile content in glass disc with 4 cm diameter, 1 - 2 g material, at 105°C for 1.5 hours

²Pot life of 100 g mix mass. Mixing ratio with Lapox B-11 (EEW 190): Lapox AH-342 is 100:80 w/w

Packaging Lapox AH-342 is available in 200 kg MS | HDPE drums. Other packing may be considered on request.

Storage and handling Lapox AH-342 should be stored in a cool and dry place, preferably in a sealed container and should not be exposed to direct sunlight. This product has a shelf-life of one year, if stored in its original container between 18°C and 25°C away from humidity and excessive heat. Please refer to the Safety Data Sheet (SDS) for detailed instructions on storage and handling.

LAPOX[®] AH-342

Technical Data Sheet | Polymers Business



Safety

Wear personal protective equipment (PPE). Avoid contact with the eyes and skin. In case of direct contact and irritation, the resin should be washed off immediately with soap and warm water. Avoid breathing vapours, mist or gas. Please refer to the SDS for detailed safety instructions.

Spills and disposal

In case of spills, sweep up and shovel the spilled material. Keep spilled material in suitable, closed containers for disposal. Soak up with an absorbent such as clay, sand or other suitable material. Flush area with water to remove trace residue. Do not allow the product to reach the sewage system. Waste must be disposed of in accordance with federal, state or local regulations, as applicable.

Contact

E-mail: polymers@atul.co.in
Website: www.atul.co.in

Note

Lapox[®] is a registered trademark of Atul Ltd.

Manufacturing site

Atul 396 020, Gujarat, India
Telephone: (+91 2632) 230000 | 233261
E-mail: contact@atul.co.in

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