

Description

Lapox AH-350 is a low viscosity, very fast reactive modified aliphatic amine hardener suitable to cure epoxy resin at ambient 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. Lapox AH-350 can be used to accelerator with other amines to speed up cure. It is recommended to use along with Lapox AH-342 for manufacturing fast setting epoxy putties.

Advantages

Faster reactivity
Low viscosity

Applications

Adhesives
Putties and mastics

Processing

High speed or kneader mixture

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear, brownish-yellow liquid
Colour	GS	ASTM D1544	Max 8
Amine value	mg KOH/g	ASTM D2073	650 - 750
Viscosity at 25°C	m Pas	ASTM D2196	500 - 1,000
Pot life at 25°C ¹	Minutes	ASTM D2471	3 - 4
AHEW	g/eq	-	76
Recommended ratio	w/w	-	40

¹Pot life of 100 g mix mass. Mixing ratio with Lapox B-11 (EEW 190): Lapox AH-350 is 100:40 w/w.

Packaging

Lapox AH-350 is available in 200 kg HDPE drums. Other packing may be considered on request.

Storage and handling

Lapox AH-350 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.

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.

LAPOX[®] AH-350

Technical Data Sheet | Polymers Business



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

Disclaimer: The information contained herein is for information purposes only. While enough care is taken in disclosing the information, users of this information are advised to cross-check the same depending upon use | application. Atul Ltd does not give any assurance or warranty or guarantee in regard to the accuracy or completeness of the information and no claim or liability will be accepted or entertained in regard thereto. Atul Ltd makes no warranty of any kind, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or performance or usage of trade.