

Description Lapox AH-311 is an aliphatic polyamine hardener suitable to cure epoxy resin at ambient temperature. It is clear and colourless with an amine-like odour. When cured with epoxy resin it provides short pot life and faster cure speed. Due to very low viscosity and low dosage, it finds suitable for applications like adhesive, mortar and casting of small electrical components

Advantages Low colour
Low viscosity
Short pot life

Applications Civil applications
Electrical component
Epoxy paints
Mortar and Screed

Processing Brush, roller or spray coating

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Clear liquid
	Colour	APHA	ASTM D1209	Max 30
	Viscosity at 25°C	m Pas	ASTM D2196	5 - 10
	Amine value	mg KOH/g	ASTM D2073	1,600 - 1,650
	Pot life at 25°C ¹	Minutes	ASTM D2471	15 - 30
	AHEW	g/eq	-	20.7
	Recommended ratio	w/w	-	8

¹Pot life of 100 g mix mass. Mixing ratio with Lapox B-11 (EEW 190) : Lapox AH-311 is 100:8 w/w

Packaging Lapox AH-311 is available in 200 kg MS drums. Other packing may be considered on request.

Storage and handling Lapox AH-311 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 1 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.

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.

LAPOX® AH-311

Technical Data Sheet | Polymers Business



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.