### LAPOX® AH-337



#### Technical Data Sheet | Polymers Business

#### **Description**

Lapox AH-337 hardener is a modified polyamine based hardener suitable for high mechanical performance applications in static and dynamic load conditions. The components cured at room temperature provides excellent handling strength, the optimum properties, however, will only be obtained after post curing at temperature of more than 50°C. Fully cured components prepared by this system are recommended to operate between (-)60°C to (+)80°C temperature.

#### **Applications**

This system is suitable for very large range of applications including wind turbine blades, ships and boats, gliders, motor gliders & planes, recreational and sporting goods, moulds and tools, automotive, electrical, and other industrial and house hold components.

#### **Processing**

Contact pressure moulding Filament winding Resin infusion (RI) Resin transfer moulding (RTM) Vacuum and pressure bag techniques Wet layup

## Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear liquid
Colour	GS	ASTM D1544	Max 4
Viscosity at 25°C	m Pas	ASTM D2196	10 - 50
Density at 25°C	g/cm <sup>3</sup>	ISO 1183	0.93 - 0.99
Pot life at 25°C for 100 g mix <sup>1</sup>	Minutes	ASTM D2471	300 - 380
Potential Tg <sup>1</sup>	°C	DIN 11357-2	75 - 85
1Pot life and notential To with resin Lanov APL -135 LV			

<sup>&</sup>lt;sup>1</sup>Pot life and potential Tg with resin Lapox ARL-135 LV

#### **Packaging**

Lapox AH-337 is available in 1 kg HDPE bottles. Other packing may be considered on request.

# Storage and handling

Lapox AH-337 has a shelf-life of 1 year if stored in their original sealed containers. Hardener may crystallise if stored below 15°C. Crystallisation may be reversed completely by heating the material between 60°C and 70°C. It is recommended to use resin and hardener only when they are clear and free from cloudiness. Hardener may cause irritation to sensitive skins. If contact does occur then it should be washed off immediately with soap and warm water. 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.

May 2018 Page 1 of 2

## **LAPOX® AH-337**



### Technical Data Sheet | Polymers Business

Contact E-mail: polymers@atul.co.in

Website: www.atul.co.in

**Note** Lapox<sup>®</sup> 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.

May 2018 Page 2 of 2