

**Description** Lapox ARL-12 is an unmodified, medium viscosity, liquid epoxy resin. When it is used with appropriate epoxy hardener, it provides excellent combination of properties including mechanical, thermal, chemical and physical.

**Applications** Automotive  
Electrical  
Industrial and house hold components  
Motor gliders and planes  
Moulds and tools  
Recreational and sporting goods

**Processing** Filament winding  
Prepreg  
Pressure moulding  
Pultrusion  
Wet lay-up

**Typical specifications**

**Lapox ARL-12**

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear, viscous liquid
Colour	GS	ASTM D1544	Max 1
Density at 25°C	g/cc	ISO 1183	1.1 - 1.2
Viscosity at 25°C	cPs	ASTM D2196	10,000 - 12,000
Epoxy value	Eq/kg	ASTM D1652	5.26 - 5.56

**Packaging** Lapox ARL-12 is available in is available in 30 kg, 110 kg and 240 kg carboys. Other packing may be considered on request.

**Storage and handling** Lapox ARL-12 is stable at least for 2 years if stored in its original container. Care must be taken to avoid direct contact with skin. If contact does occur, then wash 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.

# LAPOX<sup>®</sup> ARL-12

Technical Data Sheet | Polymers Business



## Contact

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## Note

Lapox<sup>®</sup> is a registered trademark of Atul Ltd.

## Manufacturing site

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