

Description Lapox ARL-141 is an unmodified medium viscosity epoxy resin based on bisphenol-A. It is available in form of clear, transparent viscous liquid. It provides faster reactivity and short pot life in comparison of standard epoxy resin. It can be cured with polyamidoamide, cycloaliphatic amines, mercaptan, aliphatic amine and adducts. It provides an excellent adhesion to variety of substrates with strong durable bonds.

Advantages Faster reactivity
Low colour

Applications Two component epoxy adhesives

Processing Adhesive

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Clear, viscous liquid
	Colour	GS	ASTM D1544	Max 1
	Epoxy value	Eq/kg	ASTM D1652	4.3 - 4.7
	Viscosity at 25°C	m Pas	ASTM D2196	20,000 - 26,000
	Solid content, 120°C for 2 hours	%	ASTM E28	Max 0.2
	Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	183.4 - 190.4

Packaging Lapox ARL-141 is available in 200 kg MS drums. Other packing may be considered on request.

Storage and handling Lapox ARL-141 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 2 years, 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[®] ARL-141

Technical Data Sheet | Polymers Business



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Note

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

Manufacturing site

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