

Description Lapox ARTF-34 is an unmodified trifunctional high viscosity resin. The reactivity of this resin is comparatively faster than conventional resins with high exotherm.

Advantages Excellent modulus even at high temperature
Extremely high glass transition temperature
High chemical resistance
High retention of mechanical strength at elevated temperature
Outstanding heat resistance

Applications Casting
High performance composite components
High performance structural adhesives
Tooling

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Yellow, semi-solid
	Colour	GS	ASTM D1544	Max 13
	Epoxy value	Eq/kg	ASTM D1652	5.88 - 6.66
	Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	150 - 170
	Hydrolysable chlorine	%	ASTM D1726	Max 0.05
	Viscosity at 150°C	m Pas	ASTM D4287	30 - 55
	Softening point	°C	Atul	45 - 55
	Volatile content (150°C / 1 hour)	%	Atul	Max 0.5

Packaging Lapox ARTF-34 is in 25 kg MS drums. Other packing may be considered on request.

Storage and handling Lapox ARTF-34 must be stored between 2°C and 40°C in a sealed container. Storage at high temperature may adversely impact its properties. Keep away from direct sunlight, warm areas, particularly near heat sources. Shelf life of this product is 1 year from the date of manufacturing.

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 Safety Data Sheet (SDS) of Lapox ARTF-34 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.

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LAPOX[®] ARTF-34

Technical Data Sheet | Polymers Business



Note

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

Manufacturing site

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