

**Description** Lapox ARPAN-54 is a modified epoxy phenol novolac resin with low viscosity compared to pure epoxy phenol novolacs. Due to higher functionality of this resin, it provides better crosslinking density compared to standard epoxy resins based on bisphenol-A. When it cured with cycloaliphatic and aromatic amines, it provides superior chemical and thermal resistance. Thus it is recommended for high solids coatings, paints with high chemical resistance, floor toppings and adhesives.

**Advantages** High chemical and thermal resistance

**Applications** Adhesives  
High solids coatings

**Processing** Spray, roller or brush

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Clear viscous liquid
	Colour	GS	ASTM D1209	Max 3
	Epoxy value	Eq/kg	ASTM D1652	5.5 - 6.0
	Viscosity at 25°C	m Pas	ASTM D2196	25000 - 35000
	Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	167 - 182

**Packaging** Lapox ARPAN-54 is available in 200 kg HDPE drums. Other packing may be considered on request.

**Storage and handling** Lapox ARPAN-54 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<sup>®</sup> ARPAN-54

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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