

**Description** Lapox ARP-13 HT is an unmodified medium molecular weight solid epoxy resin based on bisphenol-A. It is available in the form of flakes. It is suitable for functional and decorative powder coating. It can be cured with dicyandiamide, accelerated dicyandiamide, various phenolic curing agents and carboxyl terminated polyesters. It offers improved storage stability of finished products in tropical climate.

**Advantages** High Tg  
Improved storage stability

**Applications** Epoxy-polyester hybrid powder coatings  
Pure epoxy powder

**Processing** Powder coatings

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Light-yellow, solid flakes
	Colour <sup>1</sup>	GS	ASTM D1544	Max 1
	Epoxy value	Eq/kg	ASTM D1652	1.25 - 1.35
	Melt viscosity at 150°C	m Pas	ASTM D4287	4,500 - 6,500
	Melting point	°C	-	85 - 100
	Glass transition temperature	°C	DSC	Min 55
	Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	740 - 800

<sup>1</sup>40% solution in butyl carbitol.

**Packaging** Lapox ARP-13 HT is available in 25 kg bags. Other packing may be considered on request.

**Storage and handling** Lapox ARP-13 HT 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> ARP-13 HT

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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