

**Description** Lapox P-62 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 aesthetic powder coating formulations. It can be cured with dicyandiamide, accelerated dicyandiamide, various phenolic curing agents and carboxyl terminated polyesters.

**Advantages** Excellent flow and leveling  
Good storage stability  
High impact strength and gloss  
Superior edge cover

**Applications** Powder coatings

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
Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	740.7 - 800.0
Viscosity at 25°C <sup>1</sup>	m Pas	ASTM D2196	500 - 700
Melt viscosity at 150°C	m Pas	ASTM D4287	4,000 - 6,000
Softening point <sup>2</sup>	°C	ASTM E28	95 - 101

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

<sup>2</sup>Ball and ring method

**Packaging** Lapox P-62 is available in 25 kg bags. Other packing may be considered on request.

**Storage and handling** Lapox P-62 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 2°C and 40°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 dust. 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. 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> P-62

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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