

# LAPOX<sup>®</sup> ARP-36 X 80

Technical Data Sheet | Polymers Business



**Description** Lapox ARP-36 X 80 is 80% solution of epoxy phenol novolac (3.6 f) in xylene. It can be cured with aliphatic polyamines, cycloaliphatic and aromatic amines for high chemical and high temperature resistant coatings.

**Advantages** Excellent chemical resistant  
High glass transition temperature

**Applications** High solids coatings  
Paint and coatings

**Processing** Spray, roller or brush

| Typical specifications | Properties                                 | Unit  | Test method | Values                    |
|------------------------|--|-------|-------------|---------------------------|
|                        | Appearance                                 | -     | Visual      | Clear, pale-yellow liquid |
|                        | Colour                                     | GS    | ASTM D1544  | Max 2                     |
|                        | Epoxy value (100% solid)                   | Eq/kg | ASTM D1652  | 4.4 - 4.6                 |
|                        | Viscosity at 25°C                          | m Pas | ASTM D4287  | 800 - 1,500               |
|                        | Solid content, 105°C / 1 hour              | %     | -           | 79 - 81                   |
|                        | Epoxy equivalent weight (EEW) (100% solid) | g/eq  | ASTM D1652  | 217 - 227                 |

**Packaging** Lapox ARP36 X 80 is available in 200 kg MS drums. Other packing may be considered on request.

**Storage and handling** Lapox ARP36 X 80 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.

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## Contact

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## Note

Lapox<sup>®</sup> is a registered trademark of Atul Ltd.

## Manufacturing site

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