

Description

Lapox ARB-33 is a low viscous reactive diluent modified epoxy resin based on bisphenol-A. Due to low viscosity it is capable of high filler loading and excellent wetting property. It can be cured with various hardeners like polyamidoamide, phenalkamines, aliphatic amines, cycloaliphatic amines, and adducts. The appropriately cured material is able to provide good combination of physical and mechanical properties.

Advantages

High filler loading
Low viscosity and light colour

Applications

Crack filling and repair
Primer and grouts
Screed, mortar and mastic
Solvent free coating and flooring

Processing

Spray, roller or brush

Typical specifications

| Properties | Unit | Test method | Values |
|-------------------------------|-------|-------------|--------------|
| Appearance | - | Visual | Clear liquid |
| Colour | APHA | ASTM D1209 | Max 75 |
| Epoxy value | Eq/kg | ASTM D1652 | 5.12 - 5.55 |
| Viscosity at 25°C | m Pas | ASTM D2196 | 500 - 700 |
| Epoxy equivalent weight (EEW) | g/eq | ASTM D1652 | 180 - 195 |

Packaging

Lapox ARB-33 is available in 200 kg HDPE drums. Other packing may be considered on request.

Storage and handling

Lapox ARB-33 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[®] ARB-33

Technical Data Sheet | Polymers Business



Contact

E-mail: polymers@atul.co.in
Website: www.atul.co.in

Note

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

Manufacturing site

Atul 396 020, Gujarat, India
Telephone: (+91 2632) 230000 | 233261
E-mail: contact@atul.co.in

Disclaimer: The information contained herein is for information purposes only. While enough care is taken in disclosing the information, users of this information are advised to cross-check the same depending upon use | application. Atul Ltd does not give any assurance or warranty or guarantee in regard to the accuracy or completeness of the information and no claim or liability will be accepted or entertained in regard thereto. Atul Ltd makes no warranty of any kind, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or performance or usage of trade.