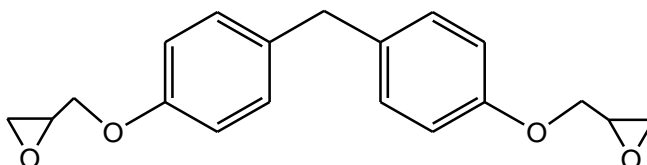


Description

Lapox ARF-12 is an unmodified very low viscosity diglycidyl ether of bisphenol-F (DGEBF). The specific advantage of this product over diglycidyl ether of bisphenol-A (DGEBA) resins are relatively low viscosity at lower temperatures and better chemical resistance. Lapox ARF-12 can be blended with Lapox B-11 (DGEBA type) to prevent crystallisation at a low temperature.

Chemical structure



Advantages

- Can be blended to DGEBA type resin to prevent crystallisation
- Can be formulated for 100% solid coatings with DGEBA type resin
- Good chemical resistance
- Low viscosity compared to DGEBA type

Applications

- 100% solid coatings for high build thickness
- Adhesives
- Chemical resistance tank linings
- Laminates
- Tooling, casting and mouldings compounds

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear liquid
Colour	GS	ASTM D1544	Max 2
Epoxy value	Eq/kg	ASTM D1652	5.80 - 6.10
Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	159 - 175
Viscosity at 25°C	m Pas	ASTM D2196	2,000 - 3,300
Hydrolysable chlorine	%	ASTM D1726	Max 0.10

Packaging

Lapox ARF-12 is available in 220 kg MS drums. Other packing may be considered on request.

Storage and handling

Lapox ARF-12 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 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.

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.