

LAPOX[®] ARFM-12 (XR-123)

Technical Data Sheet | Polymers Business



Description

Lapox ARFM-12 (XR-123) is a modified epoxy resin based on bisphenol-A | F. It has good resistance to crystallisation at low temperature. It can be suitably formulated either alone or in combination with other epoxy resins and diluents for high solid coating and floor toppings. These formulations are generally used as room temperature curing systems in combination with aliphatic polyamines, cycloaliphatic amine and adducts, phenalkamines and polyamidoamides.

Advantages

Excellent resistance to crystallisation
Low colour

Applications

Chemical resistant coating
Solvent free and high solid coating
Tank lining

Processing

Spray, roller or brush

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear, yellow liquid
Colour	GS	ASTM D1209	Max 2
Epoxy value	Eq/kg	ASTM D1652	5.55 - 5.80
Viscosity at 25°C	m Pas	ASTM D2196	6,500 - 8,500
Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	172 - 180

Packaging

Lapox ARFM-12 (XR-123) is available in 200 kg HDPE drums. Other packing may be considered on request.

Storage and handling

Lapox ARFM-12 (XR-123) 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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Note

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

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