

LAPOX[®] ARB-22 (XR-118)

Technical Data Sheet | Polymers Business



Description

Lapox ARB-22 (XR-118) (XR-118) is a low viscosity reactive diluent modified epoxy resin based on bisphenol-A. Due to low viscosity it is capable of high filler loading and gives 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. It provides superior gloss when cured with cycloaliphatic amine adducts for floor toppings.

Advantages

Excellent wetting characteristics
High filler loading
Low viscosity and light colour

Applications

Crack filling and repair
Primer, screed and grouts
Solvent free coating and floor topping

Processing

Spray, roller or brush

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear liquid
Colour	GS	ASTM D1544	Max 2
Epoxy value	Eq/kg	ASTM D1652	4.9 - 5.2
Viscosity at 25°C	m Pas	ASTM D2196	800 - 1,200
Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	192 - 204

Packaging

Lapox ARB-22 (XR-118) is available in 200 kg HDPE drums. Other packing may be considered on request.

Storage and handling

Lapox ARB-22 (XR-118) 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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