

Description

Lapox AH-713 is a medium viscosity polyamidoamide based on dimer fatty acid and aliphatic polyamine. It is designed to use with liquid or epoxy resin solutions (type-1) to produce protective and decorative solvent based coatings with an excellent flexibility and adhesion to most substrates. The coatings based on Lapox AH-713 exhibits excellent flexibility, adhesion and best corrosion protections. It is also suitable for solvent free coating for floorings and paints and adhesives.

Advantages

- Good chemical resistance
- Good inter-coat adhesion
- High peel strength
- Improved flexibility
- Superior corrosion resistance

Applications

- General purpose epoxy adhesive
- Maintenance coating
- Primer and paint
- Screed and grouts

Processing

High speed dispersion

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Yellow-brown liquid
Colour	GS	ASTM D1544	Max 9
Amine value	mg KOH/g	ASTM D2073	350 - 400
Viscosity at 25°C	m Pas	ASTM D2196	12,000 - 18,000
Density at 20°C	g/cm ³	-	0.96 - 0.98
Pot life at 25°C ¹	minutes	ASTM D2471	60 - 80
AHEW	g/eq	-	95
Recommended ratio	w/w	-	50

¹Pot life of 100 g mix mass with Lapox B-11 (EEW: 190), mixing ratio of Lapox B-11:Lapox AH-713 is 100:50 w/w

Packaging

Lapox AH-713 is available in 200 kg MS | HDPE drums and 1,000 kg IBC. Other packing may be considered on request.

Storage and handling

Lapox AH-713 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 1 year, 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.

LAPOX[®] AH-713

Technical Data Sheet | Polymers Business



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

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Note

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

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