

Description Lapox K-112 is a medium viscosity, brownish liquid and is used as an accelerator in small dosage.

Advantages This accelerator helps to cure epoxy system effectively. It helps to develop maximum thermal, electrical and mechanical properties of cured system.

Applications Dry type distribution transformers (DDT)
FRP components
Instrument transformer
Other electrical components
Switchgear components

Processing Automatic pressure gelation (APG)
Encapsulation and impregnation
Filament winding and pultrusion
Potting
Vacuum and gravity casting

Typical specifications

Properties	Unit	Test method	Values
Description	-	Visual	Brown to dark-brown liquid
Viscosity at 25°C	m Pas	ASTM D2196	1,000 - 1,800
Specific gravity at 25°C	-	ASTM D792	0.97 - 1.02
Flash point	°C	ISO 2719	> 100
Vapour pressure at 20°C at 60°C	Pa	ASTM D323	0.03 1
Gel time at 120°C ¹	Minutes	DIN 16945	12
Shelf-life	Year	-	1

¹Properties checked in combination as resin Lapox C-17 (100 pbw), hardener Lapox K-12 (100 pbw), accelerator Lapox K-112.

Packaging Lapox K-112 is available in 1 kg and 5 kg HDPE bottles. Other packing may be considered on request.

Storage and handling Lapox K-112 should be stored in a cool and dry place, preferably in an original sealed container and should not be exposed to direct sunlight. This product can be stored at room temperature (RT), away from humidity and excessive heat. Under these conditions, the shelf-life will correspond to the time stated in specification table in the TDS. Partly used containers should be closed immediately after use. It is recommended to use accelerator only when they are clear and free from cloudiness. 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

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Note

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

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