

Description Lapox AC-13 is a low viscosity, aromatic tri-amine liquid accelerator. It plays an important role in curing of anhydride systems.

Advantages Lapox AC-13 in small dosage makes the system effectively cure to get maximum thermal, electrical and mechanical properties.

Applications Electrical insulation products
Electro composites

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

Typical specifications

Properties	Unit	Test method	Values
Description (as supplied)	-	Visual	Clear, yellow liquid
Colour	GS	ASTM D1544	Max 2
Viscosity at 25°C	m Pas	ASTM D2196	Max 10
Specific gravity at 25°C	-	ASTM D792	0.88 - 0.92
Flash point	°C	ISO 2719	59
Vapour pressure at 20°C at 60°C	Pa	ASTM D323	300 1,600
Gel time at 120°C ¹	Minutes	DIN 16945	12
Mixing ratio with resin	PHR	-	0.1 - 4.0
Shelf-life	Year	-	1

¹Properties checked in combination as resin Lapox C-17 (100 pbw), hardener Lapox K-12 (100 pbw), accelerator Lapox AC-13 (1 pbw), flexibiliser Lapox K-14 (10 pbw) and silica filler (400 pbw).

Packaging Lapox AC-13 is available in 1 kg bottles. Other packing may be considered on request.

Storage and handling Lapox AC-13 should be stored in a cool and dry place, preferably in an original sealed container and should not be exposed to direct sunlight. These products can be stored between 18°C and 25°C, away from humidity and excessive heat. Partly used containers should be closed immediately after use. 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[®] AC-13

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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