

Description Lapox K-7 is an aliphatic polyamine hardener suitable to cure epoxy resin at ambient temperature. It is a clear and colourless with an amine-like odour. When cured with epoxy resin it provides short pot life and faster cure speed. Due to very low viscosity and low dosage, it finds suitable for applications like adhesive, mortar and casting of small electrical components

Advantages Low colour
Low viscosity
Short pot life

Applications Civil applications
Electrical component
Epoxy paints
Mortar and screed

Processing Brush, roller or spray coating

Typical specifications

| Properties | Unit | Test method | Values |
|-------------------------------|----------|-------------|---------------|
| Appearance | - | Visual | Clear liquid |
| Colour | APHA | ASTM D1209 | Max 30 |
| Viscosity at 25°C | m Pas | ASTM D2196 | 5 - 10 |
| Amine value | mg KOH/g | ASTM D2073 | 1,600 - 1,650 |
| Pot life at 25°C ¹ | Minutes | ASTM D2471 | 15 - 30 |
| AHEW | g/eq | - | 21 |
| Recommended ratio | w/w | - | 8 |

¹Pot life of 100 g mix mass. Mixing ratio with Lapox B-11 (EEW 190) : Lapox K-7 is 100:8 w/w

Packaging Lapox K-7 is available in 200 kg MS drums. Other packing may be considered on request.

Storage and handling Lapox K-7 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 one 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. 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.

LAPOX[®] K-7

Technical Data Sheet | Polymers Business



Contact

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Note

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

Manufacturing site

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