

Description Lapox AH-618 is a liquid aromatic amine system that cures at elevated temperature. When cured with appropriate resin, it offers good hot wet property and is capable to retain mechanical properties even at high temperature. This hardener has an excellent chemical resistance. It has a tendency to change colour from light-yellow to brownish liquid during storage, however it does not affect any performance property of hardener.

Applications Filament winding
Pultrusion
Resin transfer moulding
Wet layup

Processing Casting
Infusion

Typical specifications **Lapox AH-618**

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear, light-yellow to brownish liquid
Density at 25°C	g/cc	ISO 1183	1.01 - 1.03
Viscosity at 25°C	cPs	ASTM D2196	150 - 180
Flash point	°C	ISO 2197	>120

Packaging Lapox AH-618 is available in 1 kg HDPE bottles. Other packing may be considered on request.

Storage and handling Lapox AH-618 is stable at least for 1 year if stored in its original container away from humidity and excessive heat. Care must be taken to avoid direct contact with skin. If contact does occur, then wash off immediately with soap and warm water. 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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LAPOX[®] AH-618

Technical Data Sheet | Polymers Business



Note

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

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