

LAPOX[®] K-86 (AC-15)

Technical Data Sheet | Polymers Business



Description Lapox K-86 (AC-15) is a white to yellow crystalline solid accelerator to be used with hot curing amine hardeners for epoxy resins. It maintains latency up to 80°C and can be used stand alone for homo-polymerise of epoxy resin or in combination with hot curing amine hardeners to increase the cure reaction at elevated temperature. This accelerator is highly hygroscopic in nature hence container should be closed immediately after usage. It turns into liquid when comes in contact with moisture and increases cure speed and exotherm. Higher doses with high moisture content can turn reaction violent at elevated temperature.

Applications Accelerator | Hardener for prepreg systems.

Processing Prepregs

Typical specifications **Lapox K-86 (AC-15)**

Properties	Unit	Test method	Values
Appearance	-	Visual	White to yellow crystalline solid
Melting point	°C	-	77 - 99
Mixing ratio ¹	phr	-	0.5 - 4.0
Flash point	°C	-	155 - 160

¹To be optimised by users as per the requirements.

Packaging Lapox K-86 (AC-15) is available in 1 kg HDPE bottles. Other packing may be considered on request.

Storage and handling Lapox K-86 (AC-15) are 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.

Contact E-mail: polymers@atul.co.in
Website: www.atul.co.in

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

LAPOX[®] K-86 (AC-15)

Technical Data Sheet | Polymers Business



Manufacturing site

Atul 396 020, Gujarat, India

Telephone: (+91 2632) 230000 | 233261

E-mail: contact@atul.co.in

Disclaimer: The information contained herein is for information purposes only. While enough care is taken in disclosing the information, users of this information are advised to cross-check the same depending upon use | application. Atul Ltd does not give any assurance or warranty or guarantee in regard to the accuracy or completeness of the information and no claim or liability will be accepted or entertained in regard thereto. Atul Ltd makes no warranty of any kind, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or performance or usage of trade.