

**Description** Accelerator Lapox AC-11 is a catalyst for benzoxazines thermoset resin homopolymerization reactions or benzoxazine formulations.

**Applications** Advanced composites  
Structural adhesives  
Laminates for printed wiring boards  
Encapsulates  
High performance coatings  
Moulding compound

**Processing** Allows for shorter cure time  
Can be processed via pultrusion  
Can be used to lower the temperature of cure  
Effective for homo-polymerisation of benzoxazines  
Film infusion  
Prepreg  
Resin transfer moulding (RTM)  
Vacuum assisted RTM (VARTM)  
Will catalyze epoxy | benzoxazine formulations

**Typical specifications**

**Lapox AC-20**

Properties	Unit	Test method	Values
Appearance	-	Visual	White crystal
Melting point	°C	-	127 - 134

**Processing** The amount of catalyst used in any formulation will depend on benzoxazine and other components of the formulation and the activity required. In general, when accelerator Lapox AC-11 is used as a catalyst for homopolymerization, 2 phr to 10 phr will suffice.

**Packaging** Lapox AC-11 is available in 1 kg HDPE bottles. Other packing may be considered on request.

**Storage and handling** Lapox AC-11 are stable at least for 1 year if stored in its original container away from humidity excessive heat and exposure to direct sunlight. 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.

# LAPOX<sup>®</sup> AC-11

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** E-mail: [polymers@atul.co.in](mailto:polymers@atul.co.in)  
Website: [www.atul.co.in](http://www.atul.co.in)

**Note** Lapox<sup>®</sup> is a registered trademark of Atul Ltd.

## Manufacturing site

Atul 396 020, Gujarat, India

Telephone: (+91 2632) 230000 | 233261

E-mail: [contact@atul.co.in](mailto: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.