

**Description** Lapox AC-19 is a liquid modified aromatic tertiary-amine accelerator.

**Advantages** Small dosages of Lapox AC-19 makes the system cure effectively and developing maximum thermal, electrical and mechanical properties. The components casted by this system are capable to provide excellent combination of properties with good toughness and thermal shock resistance.

**Applications**  
 Auto ignition coils  
 High voltage chock coils  
 Insulators and bushings  
 Instrument transformer

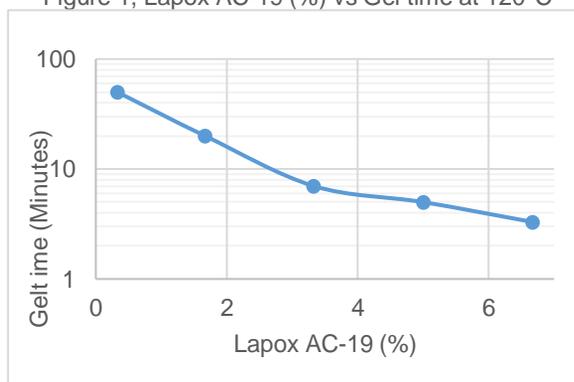
**Processing**  
 Conventional vacuum casting (CVC)  
 FRP components by filament winding  
 Pultrusion  
 Vacuum Impregnations

**Typical specifications**

Properties	Unit	Test method	Values
Description	-	Visual	Clear liquid
Colour	GS	ASTM D1544	Max 1
Viscosity at 25°C	m Pas	ASTM D2196	10 - 30
Specific gravity at 25°C	-	ASTM D792	0.90 - 1.05
Flash point	°C	ISO 2719	59
Gel time at 120°C <sup>1</sup>	Minutes	DIN 16945	See graph
Shelf-life	Year	-	1

<sup>1</sup>Properties checked in combination as resin Lapox C-17 (100 pbw), hardener Lapox K-12 (100 pbw), accelerator Lapox AC-19 (graph).

Figure 1, Lapox AC-19 (%) vs Gel time at 120°C



<b>Packaging</b>	Lapox AC-19 is available in 1 kg and 5 kg HDPE bottles. Other packing may be considered on request.
<b>Storage and handling</b>	Lapox AC-19 should be stored in a cool and dry place, preferably in an original sealed container and should not be exposed to direct sunlight. This product can be stored at room temperature (RT), away from humidity and excessive heat. Under these conditions, the shelf-life will correspond to the time stated in specification table in the TDS. Partly used containers should be closed immediately after use. It is recommended to use accelerator only when they are clear and free from cloudiness. Please refer to the Safety Data Sheet (SDS) for detailed instructions on storage and handling.
<b>Safety</b>	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.
<b>Spills and disposal</b>	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.
<b>Contact</b>	E-mail: <a href="mailto:polymers@atul.co.in">polymers@atul.co.in</a> Website: <a href="http://www.atul.co.in">www.atul.co.in</a>
<b>Note</b>	Lapox <sup>®</sup> is a registered trademark of Atul Ltd.

## Manufacturing site

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