

LAPOX[®] ARBZ-10 A 75

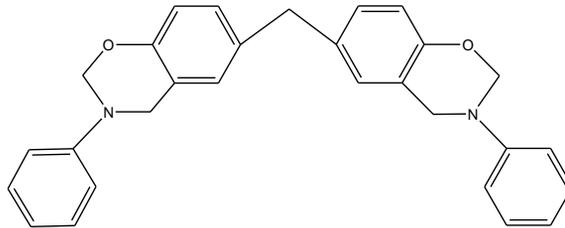
Technical Data Sheet | Polymers Business



Description

Lapox ARBZ-10 A 75 is bisphenol-F based, difunctional and halogen free, benzoxazine resin solution in acetone. The solution contains 75% solid resin. This can be homopolymerised or co-cured with epoxy, phenol or suitable catalyst resulting in polymers with excellent thermal and mechanical properties.

Chemical structure



Advantages

- Excellent chemical and thermal resistant
- Excellent electrical properties
- Good flammability resistant UL94 V1
- Good moisture resistant
- High glass transition temperature
- Low coefficient of thermal expansion
- Low shrinkage
- Low smoke toxicity

Applications

- Advanced composites
- High performance coatings
- High performance structural adhesives
- Moulded components for electronics
- PCB
- Prepregs

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Yellowish liquid
Viscosity at 25°C	m Pas	ASTM D2196	100 - 400
Gel time at 220°C	Seconds	DIN 16945	380 - 420
Solid content (105°C / 1 hour)	%	Atul	74 - 76

Packaging

Lapox ARBZ-10 A 75 is available in 220 kg MS drums. Other packing may be considered on request.

Storage and handling

Lapox ARBZ-10 A 75 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 1 year if stored in its original container between 2°C and 30°C away from humidity and excessive heat.

LAPOX[®] ARBZ-10 A 75

Technical Data Sheet | Polymers Business



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 Safety Data Sheet (SDS) of Lapox ARBZ-10 A 75 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.

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.