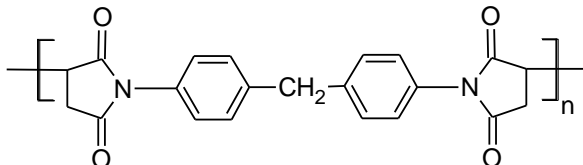


Description

Lapox ARBMI-11 is a pure bismaleimide resin in powder form. This can be used alone or in combination with reactive diluents, such as o,o'-Diallyl bishenol-A or can be formulated with various chemicals components which reacts with the double bonds of bismaleimides, allyl groups or phenolic groups. Faster productivity can be achieved if resin is allowed to cure above 220°C.

Chemical structure



Advantages

- Excellent mechanical properties at ambient and elevated temperature
- Good resistance to humidity
- Good toughness with DABA
- Outstanding heat performance

Applications

- Advance composite structure
- Casting applications
- Coatings
- Filament winding
- High performance structural adhesives
- Laminating including printed circuit boards
- Prepregs

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Fine, yellow powder
Melting point	°C	ASTM D2073	155 - 158
Acid value	mg KOH/g	Atul	Max 1
Purity	%	HPLC	Min 95

Packaging

Lapox ARBMI-11 is available in 25 kg bags. Other packing may be considered on request.

Storage and handling

Lapox ARBMI-11 should be stored in a cool and dry place, preferably in a sealed condition and should not be exposed to direct sunlight. This product has a shelf-life of 1 year, if stored in its original packing between 20°C and 30°C away from humidity and excessive heat. 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[®] ARBMI-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
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.