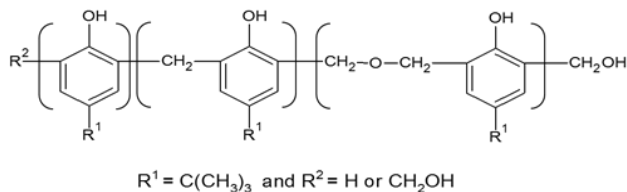


Description

Lapox[®] APR-103 is reactive alkyl phenol formaldehyde resin based on *p-tert* butyl phenol. It provides shorter open time and oxidative stability in rubber based adhesive formulations. It acts as tackifier in polychloroprene rubber based adhesive. Due to the excellent compatibility with polychloroprene rubber, it improves the adhesive strength to a great extent. Lapox[®] APR-103 is recommended for use in footwear, carpet lining, leather, furniture, building and automotive industries.

General structure



Advantages

- Improve adhesion
- Excellent green tack
- Excellent reactivity with Magnesium Oxide
- Excellent compatibility with polychloroprene rubber

Applications

Solvent based adhesives

Processing

Roller and brush

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Dark violet lumps
¹ Color	GS	ASTM D1544	> 18
Methylol content	%	ISO 354-3:1986	12 - 16
² Softening point	°C	ISO 1205:1978	85 - 105

¹60% solution in Toluene, ²Ball and ring method

Packaging

Lapox APR-103 is available in 25 kg HDPE laminated paper bag. Other packing may be considered on request.

Storage and handling

Lapox APR-103 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 one year, if stored in its original container between 18°C and 25°C away from humidity and excessive heat.

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 vapors, mist or gas. Please refer to the Safety Data Sheet (SDS) of Lapox APR-103 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

LAPOX[®] APR-103

Technical Data Sheet | Polymers Business



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.