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|  | FINORCHEM LIMITED | | | Doc. No.: FM12/PDS/ADL/027 |
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FINOREX B PRF

DESCRIPTION

- Modified Resorcinol Formaldehyde Resin & Bonding Resin

PRODUCT SPECIFICATION

| Sr. No. | Property | Unit | Specification | | Test Method |
|---------|------------------------------|------|-----------------------------------|------|---------------|
| | | | Min | Max | |
| 1. | Appearance | - | Dark red to brown pastille/flakes | | Visual |
| 2. | Softening point (R&B) | °C | 95 | 110 | ASTM E28 |
| 3. | Ash content (750°C/2 hr) | %w/w | - | 0.10 | ASTM D4574 |
| 4. | Loss on Heating (105°C/1 hr) | %w/w | - | 0.50 | ASTM D4571 |
| 5. | Free Resorcinol content | %w/w | - | 15.0 | QC/STP/U2/145 |

RECOMMENDED APPLICATIONS

Finorex B PRF can enhance the adhesion between rubber and steel wire or synthetic fibers.

During the vulcanization of rubber compounds, Finorex B PRF resin can react with the methylene or formaldehyde donor materials, such as hexamethoxymethylmelamine(HMMM) and hexamethylenetetramine (HEXA), to form cross-linked network structures.

Finorex B PRF has low vapour pressure, thus, the fuming and weight loss that occur with processing resorcinol at temperatures above 150°C is substantially reduced with the usage.

PACKAGING

25 Kg in HDPE liner with paper bag / carton packing.

STORAGE

Finorex B PRF is a stable resin and can be stored for 18 months from the date of manufacture under normal storage conditions. Need to store below 30°C in tight container away from heat and humidity and Finorex B PRF is hygroscopic and must be protected from exposure to relative humidity.

OCCUPATIONAL SAFETY AND HEALTH INFORMATION

Refer to Material Safety Data Sheets (MSDS) prior to using this resin.

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