Isobond® - R 75 N

Chemical name: Aqueous solution of formaldehyde-resorcinol condensate

CAS Number: 24969-11-7

Product Summary

Isobond® R-75 N is an aqueous solution of resorcinol formaldehyde condensation products for use in resorcinol-formaldehyde-latex (RFL) dip formulations for the treatment of organic fibres such as polyester, nylon, rayon, or aramid.

It is used in place of resorcinol in RFL dip formulations without the need to age the resin solution as is required when using resorcinol. Isobond® R - 50 N, and R - 75 N are novolak type resins which are thermally stable, contain no free formaldehyde, and will not polymerize during storage.

Application

Isobond® R – 75 N resins are resorcinol-formaldehyde condensation products used as rubber to fabric adhesion promoters in the treatment of tire cord and reinforcing fabric for conveyor belts. It is used in dipping compound for rayon, nylon, polyester, and aramid.

Material Definition

Colour: Orange – red liquid

Solid content: 74 – 76 %

pH: 0.5 – 1.5

Viscosity (at 25°C): 1600 – 2400 cps

Handling, Storage and Packaging

The processing and use of Isobond® R-75 N requires adequate technical and professional knowledge. Please consult safety data sheet and observe local safety regulations. The legal requirements prevailing in your country, especially in the avoidance of accidents, working hygiene and patent rights must be observed.

Isobond® R-75 N must be stored in tightly sealed original containers in a cool and dry place. The optimum storage temperature is between 20°C and 35°C. Properly stored it is stable for a minimum of 6-12 months or longer.

Standard pack size is 1.000 kg (IBC); other packaging is available on request.

Regulatory Information

EU REACH registered: Not applicable

Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

Disclaimer / Conditions

Revision: 2023-07-14 / 7991

We strive to be accurate in all of our documentation. However, any information or advice is provided by us in good faith, without warranty or unlimited claim of fitness for a specific application. We sell to qualified industrial users only. The onus is on the product's user to research carefully and then to continually test the product and its application procedures within the context of its specific use. Use of our products and data requires diligence and care, and is within the sole responsibility of the user. Kautschuk-Group does not accept any liability for damages incurred. Our general Terms and Conditions (/info/toc) apply.

Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our Shelf Life Policy (/info/shelflife).

For updates on product information, please check this web page regularly: https://kautschuk.com/products/textile/isobond-r-75n (https://kautschuk.com/products/textile/isobond-r-75n)

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