

Description

URZ-240003L is an octyl phenol-formaldehyde resin used to increase tack in natural rubber and synthetic elastomers like SBR, BR, IIR and IR.

Characteristics

- Low solubility in water < 1%
- Good solubility in aromatic and aliphatic hydrocarbons, esters, ketones and higher alcohols

Suggested Application

- Tack increasing additive for synthetic rubbers for plied-up construction

Typical Properties

Appearance	Pale yellow to amber flakes
Softening Point, Ball & Ring [°C]	85 - 95
Colour, in 36% Toluene, Gardner	≤ 5
Acid value [mg KOH/g]	25 – 42
pH value	4.5 – 6.5
Ash content [%]	≤ 0.1
Acetone solubility [%]	≤ 0.3
Specific gravity @ 25 °C, [g/cm ³]	1.000 – 1.050
Melting Point [°C]	Approx 72
Flash Point (CC) [°C]	140
Phenol (%)	1 Max
Methylol Content	1 Max
Toluene Solubility	No Turbid

Storage

The product should be stored in a cool, dry place in unopened original packaging and should not be exposed to direct sunlight. Typical storage temperatures should be between 15 - 30 °C. Do not stack pallets.

Shelf Life

The product has a shelf life of at least 12 months from the date of manufacture. This type of resin is known to agglomerate during storage without affecting the performance and this is not considered justification for rejection or return. As with all phenolic resins, URZ-24003L will become darker with age.

Packaging

20 kg net weight in paper bags.

Safety

When handling this product, please work according to the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Disclaimer

This product is currently under development/in scale-up. Listed values are subject to change.

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This Technical Data Sheet can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Because there are many factors under the control of the user which may affect processing or application/use, it is necessary for the user to carry out appropriate tests to determine whether the product is technically and safely suitable for the particular purpose, prior to use. No warranties of any kind, either expressed or implied, are made regarding the product here described. We assume no liability for correctness.