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Technical Data Sheet

LongGreen 7210-3

Tire Outside Paint LongGreen 7210-3

Product Description: High-adhesion water-based green tire outside paint

Mode of Action:

LongGreen 7210-3 is designed to be sprayed onto the outer surface of the green tire. It provides strong rubber to rubber adhesion in the splice regions and then separations at the joints (overlaps) are avoided. LongGreen 7210-3 has a very low tendency for mold fouling that lead to long mold resistance times. Due to its better stability the tailor-made dispersion has only slight separation, but no any hard sediment / deposit under appropriate storage conditions. LongGreen 7210-3 has very efficient air bleeding and rubber flow properties, and therefore it is positive to reduce tire defects. LongGreen 7210-3 is ready to use, low consumption and a short drying time make the product very economical to use. As the coating film is transparent and clear after drying, the colour codes and bare codes onto the tire are easy to read.

Key points in operation

Ideally LongGreen 7210-3 should be sprayed with air-atomizing guns onto the surface of the green tire. A brief mix before initial use is recommended. (or laying down the drums and slight rolling.)

Recommended Spraying conditions:

- nozzle material: stainless steel
- nozzle size: 0.8 – 1.5 mm
- material pressure: 1.5 – 3.5 bar
- air atomizing pressure: 1.5 – 3.5 bar

In a long interval of production, the spraying guns should be washed with gasoline / solvent or high-pressure jetting water to avoid dry product film blocking the spraying nozzle. The containers and product drums should be covered / closed well in order to avoid water loss and to ensure the suspension stability.

Application fields:

Tire industry, Outside tire paint to reduce blemishes and defects.

Technical Data:

Composition: Aqueous suspension of fillers, binders and surfactants.

Appearance: Semi-Transparent - White, low-viscosity suspension

Solids content: 10% ~ 15% (2h/105 °C)

Density, 20 °C: approx. 1.02 g/cm³

Viscosity (NDJ-1 2#, 30rpm): Approx. 600 – 1200, mPa.s

PH Value: 8.0-11.0

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Packing:

50kg plastic drums, 100kg plastic drums.

Safety and transport:

LongGreen 7210-3 is not classified as a dangerous good according to transport legislation.

Storage:

In original closed containers at room temperature 12 months. Do not allow to freeze.

Further information on storage conditions:

Keep at temperature not exceeding 50°C. Do not allow product temperatures to go below a temperature of 0°C.

Further information:

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to using into production.