

## POLYISOPRENE RUBBER SKI-3

|                               |   |
|-------------------------------|---|
| <b>SKI-3</b>                  | Product of solution polymerization of isoprene over titanium-based catalyst |
| <b>Application</b>            | Manufacture of rubber goods, tires and other products                       |
| <b>Chemical name</b>          | Cis-1,4-polyisoprene  |
| <b>Empiric formula</b>        | [(C <sub>5</sub> H <sub>8</sub> )] <sub>n</sub>                             |
| <b>Standard specification</b> | TU 20.17.10-141-05766801-2018   |

| PROPERTY   | VALUE             | TEST METHOD       |
|--|-------------------|-------------------|
| Mooney Viscosity ML 1+4 (100°C)  | 75 - 85   65 - 74 | Paragraph 4.2. TU |
| Viscosity spread within one lot, max   | 8                 | Paragraph 4.2. TU |
| Loss on drying, %, max   | 0.60              | Paragraph 4.3. TU |
| Ash, wt%, max  | 0.50              | Paragraph 4.4 TU  |
| Metals, wt%, max<br>Iron<br>Titanium   | 0.004<br>0.06     | Paragraph 4.5 TU  |
| Antioxidant C-789 (or similar), wt%  | 0.20 - 0.40       | Paragraph 4.6. TU |
| Stearic acid, wt%  | 0.6 - 1.4         | Paragraph 4.7. TU |
| Curing characteristics<br>ML, dNm<br>MH, dNm<br>tS1, minutes<br>t50, minutes<br>t90, minutes | Optional          | Paragraph 4.8 TU  |

|                       |   |
|-----------------------|---|
| <b>Supply form</b>    | 30 ± 1 kg bales   |
| <b>Packaging</b>      | Bales are wrapped in a PE film and packed in plastic pallet boxes   |
| <b>Transportation</b> | Closed containers or trucks   |
| <b>Storage</b>        | Pallets with rubber are kept in max. 3 level stacks away from direct sunlight, rainfall and contamination |

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