REDEZON 503-A
RUBBER WAXES

Description
The product Redezon 503-A is a mineral wax derived from petroleum that acts as a physical antiozonant in unsaturated rubber mixtures.

Applications
Specially recommended for technical rubber products or tyre manufacturing.
Redezon 503-A migrates to the rubber surface forming a thin layer protecting as an outstanding physical barrier against the ozone attack to the double bonds of the rubber structure.
The specially designed carbon distribution of the Redezon 503-A makes it recommendable for tyre manufacturing giving full protection under a wide range of climate conditions.
It is formulated in order to avoid caking so it can be used for long periods under appropriate storage conditions.

Technical characteristics

<table>
<thead>
<tr>
<th>UNIT</th>
<th>METHOD</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Congealing point</td>
<td>ASTM D 938</td>
<td>61.0 – 67.0</td>
</tr>
<tr>
<td>Viscosity at 100ºC</td>
<td>ASTM D 445</td>
<td>6.5 – 7.2</td>
</tr>
<tr>
<td>Chromatography, n-paraffins</td>
<td>IT.LAB.171</td>
<td>70.0 – 80.0</td>
</tr>
<tr>
<td>Chromatography, 1st maximum carbon</td>
<td>IT.LAB.171</td>
<td>C25 – C27</td>
</tr>
<tr>
<td>Chromatography, 2nd maximum carbon</td>
<td>IT.LAB.171</td>
<td>C31 – C33</td>
</tr>
</tbody>
</table>

Carbon distribution

Presentation
The product Redezon 503-A is packaged in 25 kg. bags.
Do not store at temperatures above 40ºC, and avoid moisture and direct sunlight.
The product should be used within two years of being packaged.

Unless indicated otherwise, the values of this technical datasheet must be considered as typical values.