CHARACTERISTICS
KER® 1507 is a standard grade of styrene-butadiene rubber. It is produced by a technology of cold emulsion copolymerization based on soaps of rosin and fatty acids and contains 23.5% of chemically bonded styrene. It is coagulated by a system of acid and synthetic coagulant, does not contain extender oil and is stabilized by a non-staining antioxidant.

GENERAL REQUIREMENTS
Bales of synthetic rubber KER® 1507 should be close to dimensions 720x360x180 mm. Presence of any mechanical impurities is not permitted.

TECHNICAL PARAMETERS
RUBBER TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Units</th>
<th>Values</th>
<th>Test methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mooney viscosity ML 1+4 (100°C) – massed</td>
<td>*ML</td>
<td>36 ÷ 42</td>
<td>ASTM D1646</td>
</tr>
<tr>
<td>Volatile matters</td>
<td>% wt.</td>
<td>max. 0,7</td>
<td>ASTM D5668</td>
</tr>
<tr>
<td>Total ash</td>
<td>% wt.</td>
<td>max. 0,4</td>
<td>ASTM D5667</td>
</tr>
<tr>
<td>Organic acids</td>
<td>% wt.</td>
<td>5,0 ÷ 7,5</td>
<td>ASTM D5774</td>
</tr>
<tr>
<td>Soaps</td>
<td>% wt.</td>
<td>max. 0,4</td>
<td>ASTM D5774</td>
</tr>
<tr>
<td>Bonded styrene</td>
<td>% wt.</td>
<td>22 ÷ 25</td>
<td>ASTM D5775</td>
</tr>
</tbody>
</table>

Guaranteed values of relevant technical parameters of the product are each time agreed upon in the sales contract.

To each shipping lot/delivery a quality certificate including data on properties of the product determined during release control is issued. Scope of the testing which is covered by the quality certificate is each time agreed upon in the sales contract.

PACKAGING
KER® is baled to form of rubber blocks weighing 33 kg (± 0.5 kg).

Each bale is wrapped in PE film, which is an integral part of the product and on which labelling of a specific colour relating to the respective rubber grade is present.

The blocks are laid into returnable metal boxes. Net weight of each complete box is about 1200 kg. Alternatively it is possible supply product in wooden boxes, net weight of each complete box is about 1000 kg.

In case of wooden 1000 kg boxes storage of the product in two (2) or more layers (stacking) is not permitted.

Each pallet bears a self-adhesive label on which manufacturer’s name, product name and grade, production lot number, net and gross weight, production date and labelling required by relevant regulations (if needed) are given.

TRANSPORTATION
KER® is typically transported in covered road trucks, in covered railway carriages and in standard shipping containers.

KER® 1507 is not a dangerous material to transport.
**STORAGE**

Product should be stored in sheltered conditions away from direct sunlight, at least 2 meters away from radiant heating elements and the temperature should not exceed 30°C. The guaranteed shelf life for KER® under the above-mentioned conditions is twelve (12) months from the date of production.

**APPLICATION**

KER® 1507 is used in footwear industry, for production of molded, calandered and coloured articles.