EUROPRENE®
S-SBR

EUROPRENE® SOL 1205 is a solution styrene-butadiene partial block copolymer, polymerized using an alkyl lithium catalyst at the Grangemouth production facility in Scotland, UK. A non-staining antioxidant is added during the production process.

### Main Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Unit</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mooney Viscosity ML 1+4(100 °C)</td>
<td>ASTM D 1646</td>
<td>MU</td>
<td>53</td>
</tr>
<tr>
<td>Bound Styrene</td>
<td>ASTM D 5775</td>
<td>% wt</td>
<td>25</td>
</tr>
<tr>
<td>Block Styrene</td>
<td>Internal Method</td>
<td>% wt</td>
<td>18</td>
</tr>
<tr>
<td>Solution Viscosity</td>
<td>Internal Method</td>
<td>cP</td>
<td>10(1)</td>
</tr>
<tr>
<td>Volatile matter</td>
<td>ASTM D 5668</td>
<td>% wt</td>
<td>0.75 max</td>
</tr>
<tr>
<td>Ash</td>
<td>ASTM D 5667</td>
<td>% wt</td>
<td>0.2 max</td>
</tr>
</tbody>
</table>

(1) 5% wt/wt in Styrene at 25°C

### Key Features

Europrene® SOL 1205 exhibits a narrow molecular weight distribution and a very low insolubles content making it particularly suitable for adhesives applications. Bales are friable and easy to break up and disperse.

### Main Applications

Calendered and extruded articles, cables, sheeting, flooring, carpet underlay, adhesives, bitumen modification, HIPS.

### Physical Form

Water white to cream coloured bales wrapped in easily dispersible polyethylene film.

### Packaging

Goodpack MB5 crate: total weight 990 kg; 33 kg bale, 30 bales per crate (1465 x 1150 x H1098 mm).

Wooden crate: total weight 990 kg; 33 kg bale, 30 bales per crate (1495 x 1150 x H1030 mm).

### Storage Conditions

Store in vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.

Shelf life: 12 months minimum.

Please consult the relevant safety data sheet for more detailed information.

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