**Name** | Deogum 294
---|---
**Description** | Processing additive for special elastomers
**Composition** | Organosilicone compound combined with organic lubricants
**Appearance** | dark yellow / light brown pellets

**Analytical values**

<table>
<thead>
<tr>
<th>Test Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dropping point, Mettler-apparatus [°C]</td>
<td>99 - 109</td>
</tr>
<tr>
<td>Density at 20°C [g/cm³]</td>
<td>0.95 - 1.00</td>
</tr>
</tbody>
</table>

**Dosage [phr]** | 0.5 - 3

**German Food Legislation (BfR recommendation XXI)** | not approved

**Supply Form** | 20 kg in cardboard boxes

**Storage Stability**

- In originally sealed package in cool and dry places
- min. 1 year

**Behaviour and Effects**

Deogum 294 facilitates the processing of special elastomers as FPM, HNBR, ACM or ECO. Flow properties and mould-filling are improved by reduced Mooney-viscosity. Deogum 294 eases the mould-release and provides a smooth surface. The organosilicone component in Deogum 294 is compatible with the elastomer and provides flow and release properties without the difficulties of a conventional silicone oil or silicone based additive.

**Application**

Deogum 294 is added at the appropriate dosage into the internal mixer together with the filler.

**Notes**

The use in EPDM is also proven to be of advantage. Blooming has not occurred so far.

Any technical consultation provided by us merely constitutes a guideline without any committal - even with regard to any third party’s rights - and will not dispense from the client's examination of the products supplied by us. Processing operations, application and use of our products will be the client’s exclusive responsibility. We guarantee the faultless quality of our goods, as defined in our General Terms of Sale and Delivery.

Valid 30th November 2011