

Name	Deogum 294
Description	Processing additive for special elastomers
Composition	Organosilicone compound combined with organic lubricants
Appearance	dark yellow / light brown pellets
Analytical values	
Dropping point, Mettler-apparatus [°C] DIN ISO 2176	99 - 109
Density at 20 °C [g/cm ³] DIN ISO 787, part 10 A	0.98
Dosage	
[phr]	0.5 - 3
German Food Legislation (BfR recommendation XXI)	not approved
US Code of Federal Regulations, FDA - CFR Title 21, Part 177.2600	not listed
Supply Form	20 kg in cardboard boxes with PE inner bags
Storage Stability	
In originally sealed package in cool and dry places	min. 24 months
Behaviour and Effects	
<p>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.</p>	
Application	
<p>Deogum 294 is added at the appropriate dosage into the internal mixer together with the filler.</p>	
Notes	
<p>The use in EPDM is also proven to be of advantage. Blooming has not occurred so far. For detailed description of technological effects and dosages see DOG-Laboratory Exposé 11.</p>	

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