

<b>Name</b>	<b>Deogum 80</b>	
<b>Description</b>	special performing agent	
<b>Composition</b>	blend of fatty alcohols and salts of fatty acids combined with lubricants	
<b>Appearance</b>	beige pellets or flakes	
<b>Analytical Values</b>		
Ash, 2 h at 950 °C [%]	DIN EN ISO 3451-1	2.5 - 3.5
Dropping point, Mettler-apparatus [°C]	DIN ISO 2176	107 - 117
Density at 20 °C [g/cm <sup>3</sup> ]	DIN ISO 787 part 10A	0.9
<b>Dosage</b>		
[phr]	1 - 5	
<b>German Food Legislation (BfR Recommendation XXI)</b>	not approved	
<b>US Code of Federal Regulations, FDA - CFR Title 21, Part 177.2600</b>	not listed	
<b>Supply Form</b>		
Pellets	25 kg in PE-bags	
Flakes	20 kg in PE-bags	
<b>Storage Stability</b>		
In originally sealed package in cool and dry places	min. 18 months	

## Behaviour and Effects

Deogum 80 acts as a multipurpose processing additive, which can be used in a broad range of elastomers (e.g. EPDM, NBR, NR, HNBR), and acts as an internal lubricant. Deogum 80 achieves a clear flow improvement, and facilitates the demoulding. In peroxide cross-linked compounds lower mould fouling and better release effect are observed.

## Application

- Especially for injection and transfer moulding, also for complicated undercuts

## Notes

For detailed description of technological effects and dosage see DOG-Kontakt 40, 42 and 44.

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