

Name	Deoflow 821 Pellet	
Description	dispersing agent, zinc and water free	
Composition	pentaerythritol stearate	
Appearance	Light tan pellets	
Analytical Values		
Ash, 2 h at 950 °C [%]	DIN EN ISO 3451-1	max. 0.2
Dropping point, Mettler-apparatus [°C]	DIN ISO 2176	60 - 70
Density at 20 °C [g/cm ³]	DIN ISO 787 part 10A	1.0
Dosage		
[phr]	1 – 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	25 kg in PE-bags	
Storage Stability		
In originally sealed package in cool and dry places	min. 24 months	

Behaviour and Effects

Deoflow 821 acts as a wetting agent between filler and polymer. As a consequence it improves dispersion, lowers viscosity and helps to shorten mixing time. Deoflow 821 is proven as a release agent, it is effective against mill sticking and has a positive influence on flow and demoulding properties in injection moulding. The high-molecular weight fatty acid ester is characterized by low volatility and low peroxide consumption. Therefore Deoflow 821 is also suitable for high performance elastomers and/or requirements with high heat resistance.

Application

- Mainly for NBR, CR, ACM, HNBR and FKM

Notes

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 from October 24th, 2018

For detailed description of technological effects and dosages see DOG-Kontakt 40, 42 and 45.

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 from October 24th, 2018