

Name	Dispergum GT	
Description	dispersing agent and lubricant	
Composition	formulation of zinc soaps and fatty esters, combined with inorganic dispersant	
Appearance	beige pellets	
Analytical values		
Ash, 2 h at 950 °C [%]	DIN EN ISO 3451-1	15.5 - 17.5
Dropping point, Mettler-apparatus [°C]	DIN ISO 2176	95 - 110
Density at 20 °C [g/cm ³]	DIN ISO 787 part 10 A	1.1
Dosage		
[phr]		3 - 5
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

Dispergum GT is a processing agent which improves dispersion of white and black fillers and therefore suits best for tread compounds. Because of the reduced zinc content Dispergum GT facilitates improved flow property compared with common zinc soaps as well as increased energy savings in the mixing step.

Application

For a quick dispersion of silica and carbon black Dispergum GT is added together with the filler into the kneader.

Notes

For detailed description of technological effects and dosages see DOG-Kontakt 41 and 42.

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