

Dispergum E

Zinc soap

Description

Dispergum E is a processing additive which acts as lubricant and shows a reducing effect on viscosity. It facilitates mixing and processing, energy can be saved by a cooler mixing process and lower viscosities. As an additional effect the dispersion of fillers and other ingredients is improved in NR, SBR and NBR compounds.

Composition

Zinc salt of defined unsaturated fatty acids

Application

As a dispersing agent and as mild peptizer in masticatable polymers. Dispergum E is a pure zinc soap of high activity with a particular low dropping point and is therefore suitable for compounding with lower shear forces and for open mill mixing. It is also suitable for extruded and moulded goods (CM, TM, IM) as well as for foamed products.

Dosage

2 – 5 phr

Typical physical properties

		Unit
Colour	Beige-colored pellets	/
Ash, 2h at 950°C	12.5 – 13.5	%
Dropping point, Mettler device	78 – 88	°C
Density, at 20°C	1.1	g/cm ³

Benefits

Low dropping point
Suitable for one step and open mill mixing
Improves filler dispersion
BfR / FDA suitable

Associated products

Dispergum PT
Dispergum R
Dispergum ZK
Dispergum GT
Dispergum K

Storage

In originally sealed package in cool and dry places
Storage stability: min. 24 months

Supply Form

25 kg in PE-bags

German Food Legislation (BfR recommendation XXI)

Approved

US Code of Federal Regulations, FDA – CFR Title 21, 177.2600

Listed

Version: 01/2022