Dispergum ZK Zinc soap



Description

Dispergum ZK is a combination of zinc and potassium soaps, which has a positive influence on the dispersion of light fillers and carbon black. It enables excellent and effective dispersion of even high quantities of mineral fillers. The mixing time can be reduced. It is suitable for all standard elastomers such as NR, SBR, EPDM and NBR. The flowability of rubber compounds is improved, as well as the filling of small cavities during the moulding process.

Composition

Combination of zinc and potassium salts of defined fatty acids

Application

Disperkum ZK can easily be added together with the filler, but an addition afterwards is also possible. It is suitable as well for food contact applications according to BfR and FDA regulations.

Dosage

2 – 5 phr

Typical physical properties

		Unit
Colour	Light grey to beige pellets	/
Ash, 2h at 950°C	12.5 – 14.5	%
Dropping point, Mettler device	90 – 100	°C
Density, at 20°C	1.1	g/cm³

Benefits

Effective for compounds with light fillers Improves filler dispersion and reduces reagglomeration Improves flow behavior BfR / FDA suitable

Associated products

Dispgerum PT Dispgerum E Dispergum R 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

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