

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

Dispergum 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/cm ³

Benefits

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

Associated products

Dispergum PT
Dispergum 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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