

<b>Name</b>	<b>Dispergum ZK</b>	
<b>Description</b>	processing additive	
<b>Composition</b>	combination of zinc- and potassium salts of defined fatty acids	
<b>Appearance</b>	light grey-beige pellets	
<b>Analytical values</b>		
Ash, 2 h at 950 °C [%]	DIN EN ISO 3451-1	12.5 - 14.5
Dropping point, Mettler-apparatus [°C]	DIN ISO 2176	90 – 100
Density at 20 °C [g/cm <sup>3</sup> ]	DIN ISO 787 part 10A	1.1
<b>Dosage</b>		
[phr]	2 - 5	
<b>German Food Legislation (BfR recommendation XXI)</b>	approved	
<b>US Code of Federal Regulations, FDA - CFR Title 21, Part 177.2600</b>	listed	
<b>Supply Form</b>	25 kg in PE-bags	
<b>Storage Stability</b>		
In original package, in cool and dry places	min. 24 months	

## Behavior and Effects

Dispergum ZK is a combination of zinc- and potassium-soaps, which has a positive influence on the dispersion of light fillers and carbon black. Dispergum ZK enables excellent and effective dispersion of even high quantities of mineral fillers. The mixing time can be reduced. Dispergum ZK 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.

## Application

- Dispergum ZK can easily be added together with the filler, but an addition afterwards is also possible.
- Suitable as well for food contact application according to BfR and FDA regulations

## Notes

For detailed description of technological effects and dosages see DOG Laboratory reports 4553 and 4556.

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