**Name**

**Dispergum E**

**Description**

zinc soap

**Composition**

zinc salt of defined unsaturated fatty acids

**Appearance**

beige pellets

**Analytical Values**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ash, 2 h at 950 °C [%]</td>
<td>12.5 - 13.5</td>
</tr>
<tr>
<td>Dropping point, Mettler-apparatus [°C]</td>
<td>78 - 88</td>
</tr>
<tr>
<td>Density at 20 °C [g/cm³]</td>
<td>1.1</td>
</tr>
</tbody>
</table>

**Dosage**

[phr] 2 - 5

**German Food Legislation (BfR Recommendation XXI)**

approved

**US Code of Federal Regulations, FDA - CFR Title 21, Part 177.2600**

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 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 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.

**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 low shear forces and for open mill mixing.
- Also suitable for extruded and moulded goods (CM, TM, IM) as well as for foamed products

**Notes**

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

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Valid from January 1st 2017