



## KETTTLITZ-Dispergator SI/GR

- technical leaflet -

Kettlitz-Dispergator SI/GR is a new generation of processing aid based on a silicone combination. The process aid has been developed especially for EPDM and EVA compounds to improve processability. By using a dosage of 3 - 5 phr the tackiness of the compounds can be reduced significantly and in conclusion an improvement in processability can be achieved.

To improve the processability of highly filled rubber compounds, especially cable compounds filled with high quantities of aluminium hydroxide, the new product Kettlitz-Dispergator SI/GR can be used excellently.

The build-up of residues or so-called mold fouling on extruder heads or injection channels can be reduced significantly. Therefore the cleaning intervals of the equipment can be extended. The output resp. extrusion rate can be improved by approx. 80 %.

Dispergator SI/GR has no negative influence neither on electrical nor on physical properties. There is also no tendency of migration in EPDM or EVA compounds.

### Physical Properties

Chemical Characteristics		processing aid containing silicone combinations
Appearance		white granules
Density at 20 °C	(g/cm <sup>3</sup> )	approx. 1.15 (mathematically)
Bulk Density	(g/ml)	approx. 0.5
Ash Content (1 h, 950 °C)	(%)	approx. 56
Physiol. Behavior		see safety data sheet
Storage Stability		3 years under suitable storage conditions
Packing		paper bags containing 25 kg net