



KETTLITZ-Dispergator FL

- technical leaflet -

Dispergator FL is a very effective and multi-purpose processing aid for the use in natural and synthetic rubber.

Dispergator FL is generally used to improve rubber compound flow and extrudability for the production of profiles, hoses and technical rubber parts. By using Dispergator FL an economical production of high quality products is possible.

Furthermore Dispergator FL can be used as physical peptising agent for natural rubber, as homogenising agent for polymer blends and to improve the dispersion of fillers and other rubber chemicals.

In comparison to other processing aids Dispergator FL shows advantages due to an excellent compatibility with most of the polymers used in rubber industry. Besides, Dispergator FL has excellent affinity to the commonly used fillers like silica, carbon black, chalk or calcined clay.

Dispergator FL is delivered in granular form with excellent handling properties. It is non-staining and the influence on vulcanization times, also in peroxide cured compounds, is minimal.

Properties

Chemical Characteristics		combination of metal soaps, high boiling alcohols and fatty acids
Appearance		white granules (diameter 6–8 mm)
Density at 20 °C	(g/cm ³)	approx. 1.13
Bulk Density	(g/ml)	approx. 0.6
pH-value		neutral
Rate of Evaporation (140 °C)	(%)	6.5 ± 1.5
Ash Content (1 h at 950 °C)	(%)	24.5 ± 2.5
Physiol. Behavior		see safety data sheet
Storage Stability		3 years under suitable storage conditions
Packing		paper bags containing 25 kg net weight