



KETTLITZ-Mediaplast AT

- technical leaflet -

Mediaplast AT is a very effective process aid to improve flow properties and to reduce the tackiness of rubber compounds regardless of the polymer used. Processing of CR and ACM compounds in particular is significantly improved by adding a small amount of Mediaplast AT. It improves the demolding properties of technical rubber parts. The sticking of uncured compounds to internal mixers, open mills and conveyor belts will be visibly diminished by the use of Mediaplast AT.

For compounds based on chloroprene, low dosages (≤ 1 phr) are generally sufficient because Mediaplast AT is very effective within this polymer.

In ACM and VAMAC compounds, tests have shown a significant improvement of rubber compound flow, whereas physical properties (e. g. compression set) are only slightly influenced.

Mediaplast AT is based on highly effective polar substances. Therefore it should only be used in small amounts (max. 1 phr) with low polarity polymers. A dosage of about 0.5 phr is recommended for sticky EPDM compounds with a high plasticizer content.

The dosage for polar polymers should be 1–3 phr depending on the stickiness of the compound.

The melting point of the active substance of Mediaplast AT is approx. 55 °C.

Properties

Chemical Characteristics		high boiling alcohols
Appearance		beige pastilles
Density at 20 °C	(g/cm ³)	approx. 0.84 (mathematically)
Bulk Density	(g/ml)	approx. 0.5
Ash Content (1 h, 950 °C)	(%)	< 1
Flash Point	(°C)	above 200
Melting Point	(°C)	53 ± 5
Physiol. Behavior		see safety data sheet
Storage Stability		3 years under suitable storage conditions
Packing		paper bags containing 20 kg net