



KETTLITZ-Mediaplast RC

- technical leaflet -

Mediaplast RC is a paraffinic plasticizer for the rubber industry with a recycled content of 100 %. A new processing method for a wide range of industrial oils enables excellent and stable product properties with quantifiable CO₂ savings.

The usage of Mediaplast RC thus contributes to the circular economy and can protect the environment, the climate and natural resources.

Mediaplast RC shows good compatibility in low polar or non-polar polymers like NR, IIR, BR, SBR and EP(D)M. Its bright natural color and good UV resistance allows it to be used in light and/or colored compounds..

Mediaplast RC has a low volatility and a high flash point and can therefore be used for high-temperature applications to improve aging resistance. Due to its low sulphur content and extremely low PAH content, it is not subject to labelling requirements.

Properties

| | | |
|---|----------------------|---|
| Chemical Characteristics | | 100 % recycled paraffin-based plasticizer |
| Appearance | | bright, transparent liquid |
| Color | (ASTM D 1500) | < 0.5 |
| Density at 15 °C | (g/cm ³) | 0.847 ± 0.010 |
| Refractive Index n _D ²⁰ | | 1.4665 ± 0.05 |
| Viscosity at 20 °C | (mm ² /s) | approx. 83 |
| Viscosity at 40 °C | (mm ² /s) | 33 ± 3 |
| Viscosity at 100 °C | (mm ² /s) | approx. 6 |
| Volatility (2h/160 °C) | (%) | < 0.5 |
| Flash Point | (°C) | approx. 220 °C |
| Setting Point | (°C) | ≤ - 9 |
| Aniline Point | (°C) | approx. 120 |
| Physio. Behavior | | see safety data sheet |
| Storage Stability | | 3 years under suitable storage conditions |
| Packing | | drums containing 175 kg net, |

KETTLITZ-Mediaplast RC/P

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Mediaplast RC/P is the 70 % “dry liquid” form of the plasticizer Mediaplast RC. Very fine grades of silica are used as the carrier-material. Usage of the dry liquid form on open mills or in plasticizer heavy compounds will result in improved and faster incorporation.

The minimum order quantity for Mediaplast RC/P is 500 kg.

Technical properties – see Mediaplast RC

Packing paper bags containing 25 kg net