



KETTLITZ-Mediaplast NB-5

- technical leaflet -

Mediaplast NB-5 is a phthalate free adipic acid plasticizer for the use in polar polymers like NBR, H- and XNBR, CM/CSM, CR, ECO, etc. Mediaplast NB-5 is, due to its relatively low volatility and also because of its extremely low setting point, suitable for heat-resistant as well as cold flexible rubber articles (see technical data). In addition, examinations show that basically the cure in rubber mixtures is affected only slightly what turns out especially with sensitive vulcanization systems as an advantage. Compared to mineral oil plasticizers as well as many ester plasticizers the compatibility within NBR compounds is much higher. In the contrary to more volatile and often more expensive ester plasticizers, Mediaplast NB-5 does not cause mould fouling.

Due to the characteristic bright color of Mediaplast NB-5, it can also be used for the production of light or colored rubber compounds.

Properties

Chemical Characteristics		adipic acid plasticizer (phthalate free)
Appearance		bright, transparent liquid
Color	(HAZEN)	max. 100
Density at 15 °C	(g/cm ³)	0.945 ± 0.005
Viscosity at 40 °C	(mm ²)	12 ± 2
Flash Point	(°C)	> 200
Setting Point	(°C)	< -60
Volatility, 2 h at 160 °C	(%)	< 0,5
Physiol. Behavior		see safety data sheet
Storage Stability		10 years under suitable storage conditions
Packing		drums containing 200 kg net

KETTLITZ-Mediaplast NB-5/P

Kettlitz-Mediaplast NB-5/P is a dry liquid plasticizer, containing 70 % Mediaplast NB-5. As carrier we use very absorbent and fine-particle-sized silica. When using the plasticizer on open mills or with compounds containing a high quantity of plasticizers in the closed mixer, the mixing time can be shortened considerably by Mediaplast NB-5/P.

Please note that the minimum order quantity for Mediaplast NB-5/P is 420 kg per delivery.

Properties - see Mediaplast NB-5.

Packing paper bags containing 25 kg net