



## KETTPLITZ-Mediaplast PX-2

- technical leaflet -

Mediaplast PX-2 is a semi-synthetic plasticizer based on long-chain hydrocarbons with paraffinic character. It is recommended to use in elastomers with low polarity, e. g. NR, IIR, BR, SBR and EPDM.

Mediaplast PX-2 is non-staining and has excellent UV resistance. The chemical structure of the product is highly saturated which predestines the product to be used particularly for peroxide cured compounds.

The volatility of Mediaplast PX-2 is extremely low which provides significant advantages if applied to rubber compounds designed to resist high temperatures.

Furthermore the plasticizer does not contain any heavy metals or polycyclic ingredients worth mentioning. Therefore it is not considered to be hazardous.

### Properties

Chemical Characteristics		partly synthetic hydrocarbons, paraffinic
Appearance		bright, transparent liquid
Color	(HAZEN)	< 120
Density at 15 °C	(g/cm <sup>3</sup> )	0.879 ± 0.010
Refraction Index n <sub>D</sub> <sup>20</sup>		1.483 ± 0.005
Viscosity at 50 °C	(mm <sup>2</sup> /s)	235 ± 30
Flash Point	(°C)	approx. 235
Setting Point	(°C)	approx. -10
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 180 kg net