Technical Data Sheet

STRUKTOL ® KW 550
Synthetic Ester Plasticizer

Properties

Appearance  light yellow to light brown liquid
Density [kg/m³] 1000
Kin. Viscosity at 20 °C [mm²/s] 145
Pour point [°C] -50
Evaporation loss [%] 0.5
(2 h/160 °C)
Physiological behaviour refer to safety data sheet
Storage stability at least 24 months under normal storage conditions
Packing 200 kg drums

Solubility

STRUKTOL KW 550 is easily soluble in aliphatic and aromatic hydrocarbons.

The data given are typical values which are not intended for use in preparing specifications. For test methods refer to the corresponding supplement.
Recommendations for Application

STRUKTOL KW 550 is a synthetic plasticizer mainly used in compounds based on special elastomers such as NBR, HNBR and CR.

STRUKTOL KW 550 reduces compound viscosity and facilitates processing.

STRUKTOL KW 550 improves the low temperature flexiblity and does not affect the heat-resistance of rubber articles.

Dosage

Depending upon compound composition and specification: 5 – 50 phr