

Levagard® TEP-Z

Plastic Additives / Flame Retardants

Description

Levagard® TEP-Z is a phosphorus based flame retardant. It combines a high flame retardant efficiency with a low viscosity.

Chemical composition

Triethyl phosphate (TEP)

CAS Registry Number

78-40-0

Typical properties

Appearance:	clear, colourless liquid
Phosphorus content:	17.0 % (calculated)
TEP content:	> 99.5 %
Acid value:	< 0.05 mg KOH/g
Water content:	< 0.2 %
Hazen colour value:	< 20
Refractive index n_D 20°C:	1.405 – 1.407
Density at 20°C:	1.065 – 1.074 g/cm ³
Viscosity at 20°C:	1.7 mPa·s

Storage

If stored correctly, the product has a minimum shelf life of 2 years.

Packaging

Road tankers / containers, 1060 kg non-returnable containers, 220 kg drums

Applications

Levagard® TEP-Z is used as flame retardant for PIR / PUR rigid foams and thermosets. In addition it is employed as processing agent in chemical synthesis.

Product safety

Relevant safety data and references as well as possibly necessary warning labels are to be found in safety data sheet.

® = registered trade mark



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LANXESS Deutschland GmbH

Business Unit Additives

Kennedyplatz 1
D-50569 Cologne, Germany
<http://add.lanxess.com>

