

Disflamoll® 51092

Plastic Additives / Flame Retardants

Description

Disflamoll® 51092 is a phosphate ester with good plasticizing efficiency and flame retardant characteristics in many polymers.

Chemical composition

Butylated triphenyl phosphate

Typical properties

Appearance:	clear, almost colourless liquid
Phosphorus content:	8.5 % (calculated)
Acid value:	≤ 0.1 mg KOH/g
Water content:	≤ 0.1 %
Hazen colour value:	≤ 75
Refractive index n_D 20°C:	1.554– 1.558
Density at 20°C:	1.17 – 1.19 g/cm ³
Viscosity at 20°C:	60 – 110 mPa·s

Storage

If stored correctly, the product has a minimum shelf life of 2 years. At lower temperatures triphenyl phosphate may crystallise. This can be dissolved again when heated up without an adverse effect on quality.

Packaging

Road tankers /containers.

Applications

Disflamoll® 51092 is used as a plasticizing flame retardant in flexible PVC. It can also be used as a flame retardant for polyurethanes and elastomers.

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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