

## Disflamoll® TP

**Chemical composition:** Triphenyl phosphate (TPP)

**CAS-Reg.- No.:** 115-86-6

### Typical properties:

Appearance:	white pellets
Phosphorus content:	9,5 % (calculated)
Acid value*:	max. 0,05 mg KOH/g
Water content*:	max. 0,1 %
Hazen colour value*:	max. 50
Free phenol content*:	max. 0,005 %
Melting point*:	48 – 50°C
Refractive index $n_D$ 50°C:	1,555
Density at 50°C:	1,205 g/cm <sup>3</sup>
Viscosity at 50°C:	11 mPa·s

\* specified properties

### Product description:

Disflamoll® TP is a low volatility flame retardant. Based on its high phosphorus content it imparts good flame retardance to a large number of polymers.

### Applications:

Disflamoll® TP is used as a plasticizer in the production of cellulose acetate films. Other fields of application where Disflamoll® TP may be used as a fire retardant include films, sheetings, coatings based on nitrocellulose, phenolic resins, ABS/PC and PPE/HIPS compounds.

### Storage:

If stored correctly, the product has a minimum shelf life of 24 months. The product is prone to caking from 40°C upwards.

### Packaging:

25 kg paper bags (40 bags per pallet) or big bags (2 x 250 kg or 3 x 250 kg or 2 x 500 kg).

### Product safety:

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

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**FLAME  
RETARDANTS**

TECHNISCHE INFORMATION

