

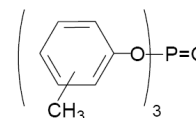


Tricresyl Phosphate(TCP)

G'sal®FR

Description

Product Name	: Tricresyl Phosphate(TCP)
Equivalent Name	: Chemtura: Kronitex TCP; Bayer: Disflamoll TKP; Rhodia: TCP
Cas No.	: 1330-78-5
Molecular Weight	: 368.0



Application

TCP is an additive flame retardant plasticizer used in flexible polyurethane foams, whose superiority is demonstrated in excellent hydrolysis stability, good electric insulation performance, superior mildew resistance and abrasion resistance. It can be recommended as flame retardant for synthetic rubber, PVC, polyester, polyolefin, and plasticizer or flame retardant plasticizer for vinyl resin, nitrocellulose, butyl rubber and chloroprene rubber.

Benefits and Features

It is a triaryl phosphate ester produced from naturally derived cresols.

Typical Properties

Appearance.....	Clear liquid.
Odor	slightly.
Color (APHA)	150 max.
Acid Value (mg KOH/g)	0.1 max.
Water content (wt.) %.....	0.1 max.
Density (25°C,g/cm ³)	1.170±0.010
Phosphorus content (wt. theory) %.....	8.4
Phenol content (ppm)	500 max.
Viscosity (25°C , mPa·s).....	56 - 62
TGA	
5% weight loss	222°C
10% weight loss	239°C
50% weight loss	289°C
95% weight loss	323°C

These properties are typical but do not constitute a specification either in part or as a whole.
Specification data is available on request from sales, customer service or customer technical service.

Shipping Information

Transportation classification: U.N:3082 Class:9
Packing: 230 kg/drum.4drum/pallet, 18.4mt/20fcl.

More information Please Contact Us

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