

Oceanchem Group Tris (2-chloroisopropyl) Phosphate (TCPP)

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Molecular Formula: C₉H₁₈O₄Cl₁₃P
Cas No.: 13674-84-5
Property: It is colorless transparent oily liquid. Soluble in ethanol and chloroform, insoluble in aliphatic hydrocarbon, water solubility is less than 1%.
Use: It is mainly used as soft or hard polyurethane foam, epoxy resin polystyrene, acrylic acid, cellulose acetate, ethyl cellulose paint, phenolic plastics, polyvinyl acetate and foam leak sealing agent. It has good heat conductivity and hydrolysis stabilizer, especially suitable for ASTM E84 (grade). Its products have low viscosity in low temperature when it is used in polyurethane foam, unsaturated polyester and phenolic plastic.
Storage and Packing: 250kg in galvanizing pail, storage temperature 5-38°C, in dry air, common chemicals.
 Information Provided by Oceanchem Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oceanchem-Group-Tris-2-chloroisopropyl-Phosphate-TCPP.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Molecular Weight	327.4 g/mol	327.4 g/mol	

Thermal Properties	Metric	English	Comments
Flash Point	220 °C	428 °F	open

Optical Properties	Metric	English	Comments
Refractive Index	1.46 - 1.466	1.46 - 1.466	n _{20D1}

Component Elements Properties	Metric	English	Comments
Chlorine, Cl	32.5 %	32.5 %	
Phosphorous, P	9.46 %	9.46 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.080 %	<= 0.080 %	

Descriptive Properties	Value	Comments
Acidity	<0.05	mg KOH/g
Appearance	Colorless or light yellow oily transparent liquid	
CAS Number	13674-84-5	
Chroma	50	Pt-Co

Descriptive Properties	Value	Comments
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Molecular Formula

$C_6H_{12}O_4Cl_2P$

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