

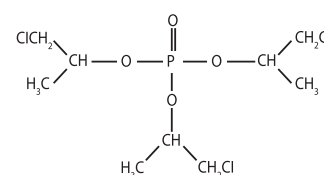
Fyrol PCF™



www.iclfr.com

Flame Retardants

Chemical name: Tris (2-chloroisopropyl) phosphate
Formula: $C_9C_{18}O_4Cl_3P$
CAS Number: 13674-84-5



General & Use:

Fyrol® PCF is an additive flame retardant with very good hydrolytic stability used extensively in rigid and flexible polyurethane foams. Fyrol® PCF is soluble in most common organic solvents and shows outstanding polymer compatibility.

Fyrol® PCF is widely used for laminate roofing and spray formulations. A class II ASTM E84 rating can be achieved with Fyrol® PCF. It has superior hydrolytic stability for A or B components. Fyrol® PCF can be used with unsaturated polyester resins and phenolics. It is an adjunct flame retardant for flexible-melamine foams to meet the British BS5852 test. It may also be used in thermoset and thermoplastic materials as well as for textile finishes.

For health & safety matters please refer to MSDS.

Typical Properties:

Physical appearance CLEAR TRANSPARENT LIQUID

Phosphorus content wt. %	9.5
Chlorine content wt. %	32.5
Specific gravity 25°C/25°C	1.290
Density @ 20°C lbs/gal	10.8
Density @ 20°C kg/m	1290
Viscosity @ 25°C mPa.s	72
Acidity mg KOH/g	0.08 max
Water content wt. %	0.07 max
Color APHA	<75

Packaging:

Available in bulk tank trucks, isocontainers, 2,800 lb totes, and 590 lb drums.

Thermogravimetric Analysis (10° C/min N₂):

Weight Loss, (%)	°C
2	116
5	166
10	180

For more information Please Contact Us.

Visit our Website: www.icl-ip.com

For more information about our products and to place an order, please contact one of our regional sales offices.

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