



**Description** Product Name : FR-504L  
Chemical Name: : Chlorinated phosphate ester mixture

**Application** FR-504L is a chlorinated phosphate flame retardant which can be used in flexible polyurethane foams, and its superiority is demonstrated in low fogging and low scorch. It can readily be used to meet the standards such as California TB 117, FMVSS 302, UL 94 HF-1, BS 5852, DIN 75200, CSE RF4 Class 1.

**Typical Properties**

Appearance.....	Transparent to pale-yellow liquid.
Color (APHA).....	100 max.
Density (25°C,g/cm <sup>3</sup> ).....	1.330 ± 0.010
Acid value (mg KOH /g).....	0.1 max.
Phosphorus content (wt. %,Theory).....	10.9
Chlorine content (wt. %,Theory).....	23.0
Viscosity (25°C,mPa·s).....	800-1200
Water content (wt.,%).....	0.1 max.

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: No regulated for transportation.  
Packing: 250kg/drum; 4drums/pallet. wrap & strap; 20mt/20'fcl.

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