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# Phosphate Flame Retardant

## WSFR- 690

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**Product Name:** WSFR- 690  
**Chemical Name:** Chlorinated phosphate ester mixture

**Typical properties:**

Phosphorus content (wt. %) 7.9 (Theory)  
Chlorine content (wt. %) 42.8 (Theory)

**Specification:**

Appearance Colorless to yellowish transparent liquid  
Color (APHA)  $\leq 100$   
Acid Value (mgKOH/g)  $\leq 0.5$   
Water content (wt. %)  $\leq 0.2$   
Density (25°C, g/cm<sup>3</sup>) 1.455±0.005  
Viscosity (25°C, mPa·s) 1300-1800

**Application:**

WSFR-690 is chlorinated phosphate flame retardant used in polyurethane foams, whose superiority is demonstrated in good stability. It can readily meet the fire safety standards such as California TB 117, FMVSS 302, UL 94 HF 1, British BS 5852, DIN 75200 and CSE RF4 Class 1

**Packaging:**

300kg in iron drum.

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**Contact Info**

Zhejiang Wansheng Co. Ltd  
Email: [sales@ws-chem.com](mailto:sales@ws-chem.com) Tel: +86-576-8532-2966  
Website: [www.ws-chem.com](http://www.ws-chem.com) Fax: +86-576-8532-2977  
Liangshui Development Zone, Linhai, Zhejiang, P.R.CHINA

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