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# Phosphate Flame Retardant

## WSFR- 780LS

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**Product Name:** WSFR- 780LS  
**Chemical Name:** Halogenated phosphate ester mixture

**Typical properties:**

Phosphorus content (wt. %)	8.3 (Theory)
Chlorine content (wt. %)	26 (Theory)
Bromine content (wt. %)	9.8 (Theory)
Hydroxyl value (mgKOH/g)	46±2

**Specification:**

Appearance	Colorless to yellowish transparent liquid
Color (APHA)	≤200
Acid value (mgKOH/g)	≤0.2
Water content (wt. %)	≤0.2
Density (25°C, g/cm <sup>3</sup> )	1.350±0.010
Viscosity (25°C, mPa·s)	300-500

**Application:**

WSFR-780LS is a reactive flame retardant for polyurethane flexible foams, with very good anti-scorch performance, especially suitable for white flexible foam. It can easily meet the standards such as California TB 117, FMVSS 302, UL 94 HF-1, BS 5852 Crib 5, DIN 75200 and CSE RF4 Class 1.

**Packaging:**

250 kg net in iron drum, or 1500kg in IBC.

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**Contact Info**

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