

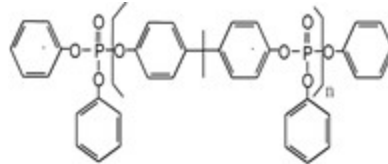
**Chemical Name:** Bisphenol-A bis(diphenyl phosphate);

**Synonyms:** FR-BDP; Reofos BAPP; Ncend XP-30 .

**CAS No.:**5945-33-5

**Molecular Formula:** C<sub>39</sub>H<sub>34</sub>O<sub>8</sub>P<sub>2</sub>

**Structure formula :**



### 1 Specifications:

Appearance	colorless or light yellow transparent liquid
Phosphorus content (wt)	9%
Specific gravity	1.26 g/cm <sup>3</sup>
Color (APHA)	≤ 50
Water content	≤0.05%
Acidity	≤0.10 mgKOH/g
Viscosity (CSP @ 70 °C)	220
Solubility @ 75 °C, % wt.	Water : < 0.003
	Toluene: > 50
	Hexane: 0.18
	Acetone: > 50
	1% @ 261°C
TGA(TA Instruments, model 2950, 10°C/min under N2)	5% @ 378°C
	10% @ 403°C
	50% @ 458°C

### 2 Applications:

It is an additive flame retardant developed for applications such as thermal-plastics, in particular styrenic blends like PC/ABS, ABS blendings, with outstanding UV and light stability.

### 3 Narrate:

- 3.1 With Excel flame retardant efficiency and chemical stability and thermal stability;
- 3.2 Low -volatility and low-staining with high inter-miscibility;
- 3.3 It is stable under normal conditions. Store in a dry, cool, well ventilated area;
- 3.4 Avoid inhalation, ingestion and contact with the skin and eyes.

**4 Packing:** 250kg/galvanized iron drum.

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