

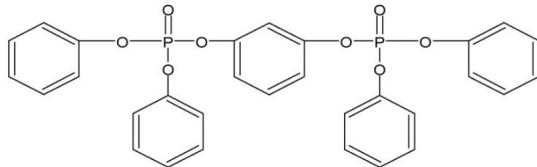
# Technical Data Sheet

## ProFlame™ P240

**Chemical Name:** Resorcinol bis(diphenyl phosphate)

**Equivalent Brand:** Fyrolflex RDP ; Reofos RDP

**CAS No.:** 57583-54-7



### Advantages :

--High phosphorus content

--High molecular weight

--Low volatility

--Reduced plasticization

### Tech Spec:

Item	Index
Appearance	Light yellowish clear liquid
Acid value (mgKOH/g)	≤0.1
Colour(Apha)	≤80
P content(%)	~10.8
Water content(%)	≤0.05
TPP Content(%)	≤5
Phenol Content(ppm)	≤500
Viscosity,25°C(Mpa.s)	500-800
Specific gravity(g/cm <sup>3</sup> )	1.315±0.010

### Application:

P240 is a high molecular weight halogen-free phosphate ester flame retardant,. It is recommended for use in HIPS/PPO , PC/PPO, PC/ABS blends and polyurethane foams . PPO/HIPS will reach 37 index of oxygen and UL94-V0(1.6mm) with the dosage around 11% ; In PC/ABS, It will reach 29 index of oxygen and UL94-V0(1.6mm) with dosage 6%-10% .

### Package and Storage:

P240 is Packed in 250kg drum. It is not dangerous cargo .Customer should handle the material according to the instruction described on MSDS.

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