



FaRetar Flame Retardant Technology Co., Ltd.

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FARETAR™ BDP

Bisphenol-A Bis (Diphenyl Phosphate)

Product description

FARETAR™ BDP is a halogen-free phosphorus flame retardant, which is widely used in flame retardant PC/ABS.

Molecular Structure	
Chemical Name	Bisphenol-A Bis (Diphenyl Phosphate)
Formula	C39H34O8P2
CAS Number	5945-33-5
Molecular Weight	692.60
Appearance	Amber/Yellow Translucent Liquid
Density (25°C, g/cm ³)	1.26

Comparable grade

Daihachi CR-741

ICL Fyrolflex BDP

Characteristics

- Halogen free
- Good thermal stability
- Excellent hydrolytic stability

Applications

FARETAR™ BDP is widely used in flame retardant PC/ABS. It can be used with RDP and TPP to synergize, greatly improve its flame retardant efficiency.

Specification

Item	Specification
Color (APHA)	≤ 80
Acid Value (mg KOH/g)	≤ 0.1
Water content (wt. %)	≤ 0.1
Density (25° C, g/cm ³)	1.26 ± 0.01
Viscosity (40° C, mPa · s)	1800-2600
TPP content (wt, %)	≤ 3.0
Phenol content (ppm)	≤ 500

***Test method:** Q/0783FRT 010-2019

Packaging

250 kg net in iron drum.

Storage

Store the product in a cool, dry, well - ventilated area