

Technical Data Sheet

ProFlame® P249

Product Name: Bisphenol-A bis(diphenyl phosphate) (BDP)

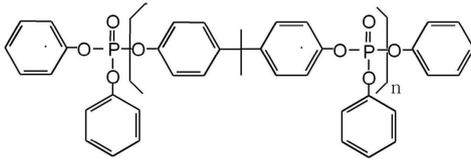
Our Brand: ProFlame-P249

Molecular Formula: C₃₉H₃₄O₈P₂

Molecular Weight: 692.63

CAS No. : 5945-33-5/181028-79-5

Chemical Formula:



Characters:

BDP is halogen-free, phosphate flame retardants, and has low volatility, excellent hydrolysis stability and thermal stability, etc..It can be used as flame retardant plasticizer of engineering plastics such as PC/ABS and PPO/HIPS.It can also be used as the heat stability flame retardant plasticizer of PVC.

Tech Spec:

Items	Spec
Appearance	Colorless or light yellow transparent liquid
P content(wt%)	≥8.9
Specific gravity,g/cm ³	1.26±0.1
Color,APHA	≤ 50
Moisture,%	≤0.05
Acid Value(mg NaOH/g)	≤0.05
Viscosity (mpa.s 70°C)	120 --240
TPP,%	≤1.0
Phenol,%	≤0.1

Application:

BDP is a kind of efficient flame retardant plasticizer of gathered in phosphate , commonly used in engineering plastics alloys, PPO, HIPS,PC/ABS, PPO/HIPS alloy, rigid circuit board with epoxy resins and other polymer halogen-free flame retardants.Please ask the sales staff for detailed purposes and usage.

Equivalent Brand:

Daihachi: BPADP

ICL INDUSTRIAL: Fyrolflex BDP

Chemtura: Reofos BAPP

Package and Storage:

BDP packaged in 250KG/drum, 20ton/container.

Should be stored in dry and ventilated storeroom. This product is non-dangerous.

For other operations, please refer to SDS instructions provided by the manufacturer.

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