
Technical Data Sheet

Halogen-Free Flame Retardant-Phosphorus Flame Retardant

Commercial name: ST-BDP

Chemical name: Bisphenol A Bis(diphenyl phosphate)

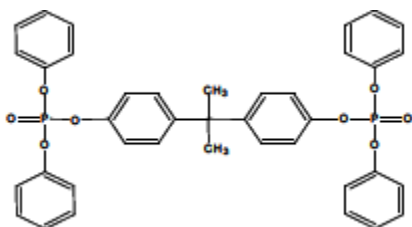
CAS No.: 5945-33-5

FORMULA: C₃₉H₃₄O₈P₂

Synonyms:

[4-[2-(4-diphenoxyphosphoryloxyphenyl)propan-2-yl]phenyl] diphenyl phosphate

Molecular Structure:



General Specification

Appearance:	Colorless or light yellow
N=1 content (wt %)	80-89
Water Content:	0.1 % Max
Color(Hazen):	50 Maz
TPP(%) :	1.0 Max
IPP(%)	0.03 Max
Phenol content(ppm)	500

Application:

ST BDP provides low volatility and high heat stability and it can tolerate high processing temperature. It is particularly suitable for engineering resin applications such as polymers (PC, PPO), alloys(PPO/HIPS, PC/ABS) and insulating material.

Storage: In a cool, dry, well ventilated area away from incompatible materials.

Packing: 250KG/Drum or ISO TANK