

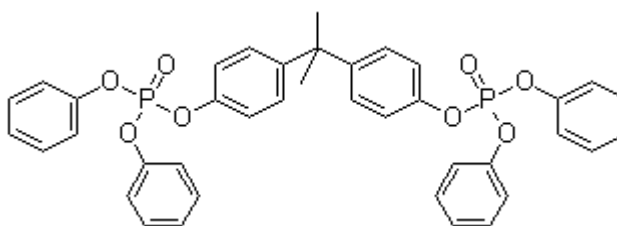
TECHNICAL DATA SHEET

NAME OF COMMODITY: Bisphenol-A Bis(Diphenyl Phosphate) (BDP)

CAS NO.: 13674-87-8

MOLECULAR FORMULA: C₃₉H₃₄O₈P₂

MOLECULAR WEIGHT: 692.63



STRUCTURE FORMULA:

TESTS	SPECIFICATIONS
Appearance	Clear liquid
Color (apha)	100 Max
Acid Value (KOH mg/g)	0.1 Max
Water content (wt. %)	0.1 Max
Phosphorus content (wt. %)	8.9 Min
N=1 content (wt. %)	80 - 89
TPP content (wt. %)	3 Max
IPP content (wt. %)	0.05 Max
Phenol content (ppm)	500 Max
Viscosity @ 80°C, mPa-s	120 - 200

APPLICATION:

BDP is a halogen-free bisphosphate flame retardant that is used in engineered resins, and its superiority is demonstrated in low volatility, excellent hydrolytic stability, and high thermal stability that can tolerate high processing temperature required for engineered resins. It is recommended for use in PC/ABS, MPPO and epoxy resins.

PACKING: net 250 kg drums, or 1250 kg in IBC