

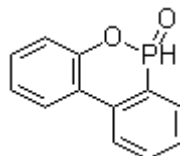
TECHNICAL DATA SHEET

NAME OF COMMODITY: 6H-Dibenz[c,e][1,2]Oxaphosphorin 6-Oxide (DOPO)

CAS NO.: 35948-25-5

MOLECULAR FORMULA: C₁₂H₉O₂P

MOLECULAR WEIGHT: 216.17



STRUCTURE FORMULA:

TESTS	SPECIFICATIONS
Appearance	White flakes or powder
DOPO content	≥ 99.5 (%)
Melting Point	117 - 120°C
OPP content ppm	≤ 1 000
Water absorption rate%	≤ 0.30 (%)
Acid value KOH mg/g	≤ 300
Color of Melt (Apha)	≤ 100

APPLICATION:

DOPO can be used as an additive type or reactive type flame retardant for linear polyester, epoxy resin and PU. It can be used in the plastic components of electronic, copper lining and circuit board.

DOPO is also antirust agent of copper powder and copper plate, metal cheating agent, optical material and flux of welding.

PACKING: in 25 kg bag, 20 mt /20' fcl, palletized