

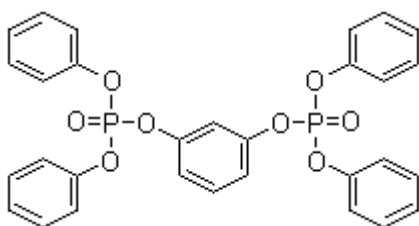
Technical Data Sheet

SUNTARD RDP

Chemical name

Tetraphenyl resorcinol bis(diphenyl phosphate)

Chemical structure



Molecular weight

574.45g/mol

Applications

SUNTARD RDP a halogen-free phosphate ester flame retardant used in engineered resins, whose superiority is demonstrated in low volatility and high heat stability that that can tolerate high temperature processing required of many engineered resins. It can be recommended as flame retardant for PC/ABS, PPO/HIPS, Polyurethane.

Specification

Appearance	Transparent to pale-yellow liquid
Color(APHA)	≤80
Acid Value (mg KOH/g)	≤0.1
Water content (wt. %)	≤0.05
Phosphorus content (wt. %)	10.8 (Theory)
TPP content (wt. %)	≤5.0
Phenol content (ppm)	≤500
Density (25°C, g/cm ³)	1.315±0.010
Viscosity (25°C, mPa·s)	500-800