



Resorcinol bis(diphenyl Phosphate)(RDP)

Description

Product Name	: Resorcinol bis(diphenyl Phosphate)(RDP)
Equivalent Name	: Chemtura Reofos RDP; Supresta Fyrolflex RDP
Cas No.	: 57583-54-7
Molecular Weight	: 574.43

Application

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.

Typical Properties

Appearance	Transparent to pale-yellow liquid.
Color (APHA).....	80 max.
Acid Value (mg KOH/g).....	0.1 max.
TPP content (wt.%,%)	5.0 max.
Water content(wt. ,%).....	0.05 max.
Phosphorus content (wt. theory) %.....	10.8
Phenol content (ppm).....	500 max.
Viscosity (25°C , mPa·s).....	500 - 800
Density (25°C,g/cm3).....	1.315±0.010
TGA	
5% weight loss	307°C
10% weight loss	337°C
50% weight loss	403°C

These properties are typical but do not constitute a specification either in part or as a whole.
Specification data is available on request from sales, customer service or customer technical service.

Shipping Information

Transportation classification: UN 3082 Class 9
Packing: 250kg /drum.4Drums /pallet

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