

Resorcinol bis(diphenyl Phosphate)(RDP), Fyrolflex/Reofos 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 engineering resins, low volatility, and high heat stability which can tolerate high-temperature processing required of many engineered resins. It's recommended as the 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/cm ³)	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

More information Please Contact Us

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