



Resorcinol bis(diphenyl Phosphate)(RDP)

G'sal®FR

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.
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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	Oceanchem Group Limited
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