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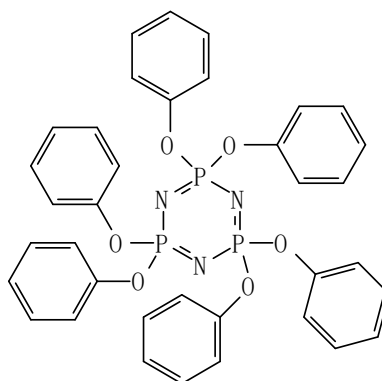
CSFC FR-300 Specification

Chemical Name Hexaphenoxycyclotriphosphazene

Molecular Formula C₃₆H₃₀N₃O₆P₃

Molecular Weight 693.57

Structure



CAS Number 1184-10-7

Specification	Appearance	Off-white crystalline powder
	Melting point °C	110-115
	TGA 5% weight loss temperature °C	300 min
	Electrical conductivity μS/cm	30 max
	Phosphorous Content %	13.4 ± 0.5
	Color of solution (1g in 10 ml MEK)	Clear
	Volatile content %	0.5 max
	Ash content %	0.1 max
	Ionic impurities	20 ppm max
	Assay %	99.0 min

Packing 25 kg net/ fiber drum

Applications CSFC FR-300 is served as a non-halogen and superior phosphorous flame retardant for PC, PC/ABS, polyesters, epoxy resins, PET, pressure PU resin adhesives, etc.

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