

PRODUCT SPECIFICATION

Isopropylated Triphenyl Phosphate (IPPP 50)

Chemical Name	: Isopropylated Triphenyl Phosphate		
Molecular Formula	: C ₂₇ H ₃₃ O ₄ P	Molecular Weight	: 452.52
HS Code	: 2919900090	CAS number	: 68937-41-7
UN Code	: 3082	DG Class/PKG GP	: Class 9/PKG GP III
Applications	: As plasticizer and flame retardant are added in PVC, PU, PE, PP, PC/ABS, PPO/HIPS, PVAC, PS, fabric coating, circuit boards, textiles, phenolic resin, polyethylene, artificial leather, film, sheet material, conveying belt, air duck, floor material, wire & cable, synthetic resin, plastic, rubber and cellulose, to improve the products' processibility, anti-pollution, mildew resistance and abrasion resistance; also used as lubricating oil, hydraulic fluids.		
Packaging	: 230kg per steel drum, 18.4MT per 20-ft FCL container with pallet		

Characteristics	Unit	Guaranteed Values
Appearance	-	Clear Oil Liquid
Colour	APHA	80 Max
Acid Value	mg KOH/g	0.1 Max
Relative Density (20 °C)	g/cm ³	1.170 - 1.180
Flash Point	°C	220 Min
Free Phenol Content	%	0.1 Max
Heating Loss	%	0.2 Max
Water Content	%	0.1 Max
Viscosity (25 °C)	mPa.s	50 - 62
Refractive Index (25 °C)	-	1.550 - 1.560