

Description

Product Name	: Isopropylated triphenyl Phosphate(IPPP)
Equivalent Name	: Chemtura Reofos 35
Cas No.	: 68937-41-7
Molecular Weight	: $C_{27}H_{33}O_4P$
Molecular Weight	: 390

Application

IPPP35 is halogen-free flame retardant phosphate ester plasticizer, the two will not pollute the environment; in the viscosity of the phosphate species is the lowest, the highest phosphorus content of a model. This product is colorless and transparent, good compatibility, but also by both flame-retardant plastic, flame retardant and plasticized material in between play a balancing role, so raw materials can change their character and physical properties, widely for fabric coating, circuit boards, flooring, textiles, PVC, phenolic resin, and other fields.

Typical Properties

Appearance	colorless or light yellow transparent liquid.
Viscosity (25 °C,CP)	42-50
Specific Gravity (20°C).....	1.183
Flash point (°C)	220 min.
Phosphorus content (P%)	8.6
Acid Value (mg KOH / g)	0.1 max.
Refractive index(n_{33})	1.546- 1.555
Color (APHA).....	50 max.
Water content %	0.1 max.
TGA	
5% weight loss	217°C
10% weight loss	235°C
50% weight loss	287°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:200kg/drum, 800kg/pallet, 16mt/20'fcl; 1000kg/IBC,18mt/20'fcl.