Isopropylated triphenyl Phosphate (IPPP-35)

Description

Product Name: Isopropylated triphenyl Phosphate (IPPP-35)
Equivalent Name: Chemtura Refos 35
Cas No.: 68937-41-7
Molecular Weight: C₂₇H₂₇O₇P
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 (%) ................................................................................................... 8.6
Acid Value (mg KOH / g) .................................................................................................. 0.1 max.
Refractive index(nD) ........................................................................................................ 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.

More Information

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