

Flame retardant for polymer

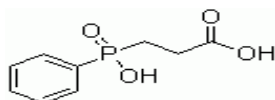
Flame retardant

1. General

TY CHEM TY206 is Used as flame retardant additives for polyester, long fiber, short fiber, textile and film.

2. Properties

Structure



CAS name	:	3-Hydroxy Phenyl Phosphinyl Propanoic Acid
CAS no.	:	14657-64-8
Molecular formula	:	C ₉ H ₁₁ O ₄ P;
Molecular weight	:	214.16;

3. Physical Data

Appearance	:	white crystal
Odor	:	Odorless
Boiling point	:	N/A
Melting range	:	≥158° C
Boiling point	:	526.605 °C at 760 mmHg
Specific gravity	:	1.358 g/cm ³
Flash Point	:	272.281 °C

4. Solubility

(g in 100 ml solvent @25 °C)

Methanol	:	<0.01
Water	:	<0.01
Methylene chloride	:	<0.01
Toluene	:	<0.01
DMF	:	<0.01
Methyl ethyl ketone	:	<0.01

5. Specification

Appearance	white crystal
Purity	≥99%
Melting point	≥158°C
P	14.0±0.5%
Moisture	≤0.1%



PRODUCT DATA SHEET
TY CHEM TY206
WWW.TYCHEMGROUP.COM

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Chlorine ions	≤10ppm
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6. Packaging:

25kg /bag.