

Oceanchem Group Hydroxymethylphenylphosphinic Acid (HMPPA)

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Molecular Formula: C₇H₉O₃P
CAS No.: 61451-78-3
Application: HMPPA is a bifunctional copolymerisable phosphorous flame retardant monomer, which can be polycondesated with ethylene glycol and terephthalate to form flame retardant PET, and renders the alternated PET and the resulting plastic and fibers have good fire-resistance properties. The spinning property of the PET is fairly good as the HMPPA was used. It is readily soluble in water.
Information Provided by Oceanchem Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oceanchem-Group-Hydroxymethylphenylphosphinic-Acid-HMPPA.php

Thermal Properties	Metric	English	Comments
Melting Point	>= 138 °C	>= 280 °F	
Decomposition Temperature	>= 235 °C	>= 455 °F	

Component Elements Properties	Metric	English	Comments
Chlorine, Cl	<= 0.035 %	<= 0.035 %	Cl ⁻
Iron, Fe	<= 0.0010 %	<= 0.0010 %	Fe ⁺³

Descriptive Properties	Value	Comments
Appearance	White crystals	
CAS Number	61451-78-3	
Molecular Formula	C ₇ H ₉ O ₃ P	
Purity (%)	>99.5	

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