

# PPP11

## Technical Data Sheet

PPP11

Polymeric Phosphoric Acid Ester with Pentaerythritol

Synonyms: Flame retardant P

Composition	Chemical & Physical Properties
CAS No. 94031-26-2	Product form clear liquid
	Colour colourless to pale yellow
	Assay (%) 80
	Density (g/cm <sup>3</sup> ) 1.5
	Acid value (mg KOH/g) 500
	pH value (1% solution) 1.8
	Water content (%) 15
	Water solubility completely soluble
	Phosph. content (%) 16 – 18
Handling and safety	
PPP11 is an acidic, corrosive liquid. Avoid contact with skin and eyes. Keep container tightly closed. For more information see material safety data sheet.	
Packaging	
IBC-Container 1250 kg	
Description	
PPP11 is a partial polymeric phosphoric acid ester with Pentaerythritol. It is a halogen-free water-based flame retardant.	
Applications	
PPP11 is especially suited for intumescent flame retardant systems as phosphorus containing synergist, particularly for light-coloured applications.	

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