



Synthopol  
Product NEWS  
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# Synthoester PH 1395

saturated amorphous polyester with  
intramolecular flame protection

**Synthoester PH 1395 is a tin-free, linear, saturated, aliphatic, hydroxyl group containing polyester with covalent bonded organo-phosphorus groups, which therefore has intramolecular flame protection properties.**

## FIELD OF APPLICATION

Synthoester PH 1395 works especially good as Co-binder for flame retardant 1 or 2K PU-Hotmelts in the construction and automotive sector. It also shows much less emissions in regards to VOC and fogging-values in comparison to externally flame protected Hotmelts.

Due to its polymer composition, Synthoester PH 1395 also has very good light stability.

## HIGHLIGHTS

- intramolecular flame protection
- 100% highly viscous polyester
- no organotin compounds as a catalyst
- extremely low VOC and FOG values
- good light and UV stability
- well suited for 1 and 2K-PU-Hotmelts

## PROPERTIES AND TECHNICAL DATA

Resin type	Linear, saturated, aliphatic hydroxyl group containing polyester
Hydroxyl number	35-45
Viscosity (100°C)	300-600 mPas
Non-volatile content	100%
pH-value	7,0-9,0
Acid number	< 3
Water content	< 0,2%



### SAMPLING

Ordering samples of Synthoester PH 1395 can be done easily on our website.

### CONTACT

If you are interested in more information about our products please contact your known person in charge from the sales or research and development department or our headquarters directly under following references:

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