



PS 1070

Type:

PS 1070 is a low K-value PVC homopolymer resin extender obtained by suspension polymerisation for use as an addition resin in the preparation of plastisols.

Main uses:

- * Coatings: floor and wallpapers, coated fabrics,
- * Crown seals,
- * Automotive industry: car underbody sealant.

LACOVYL® PS 1070 is an extender resin for Paste PVC:
It allows to reduce plastisol viscosity and to increase mattness of the coating
(without changing the high mechanical properties of the basic homopolymer resin).

General characteristics:

PS 1070 is an extender resin with fluidifying properties specially recommended for applications requiring low viscosity level.

	ISO reference	Value	Units
Viscosity Index	(ISO 1628-2)	109	ml/g
K-value	(ISO 1628-2)	66	
Mean diameter	internal	25 - 32	microns

Properties:

Résin

PS 1070 resin can be added to any application and at up to 40 % of the PVC total in some formulations.

Plastisols

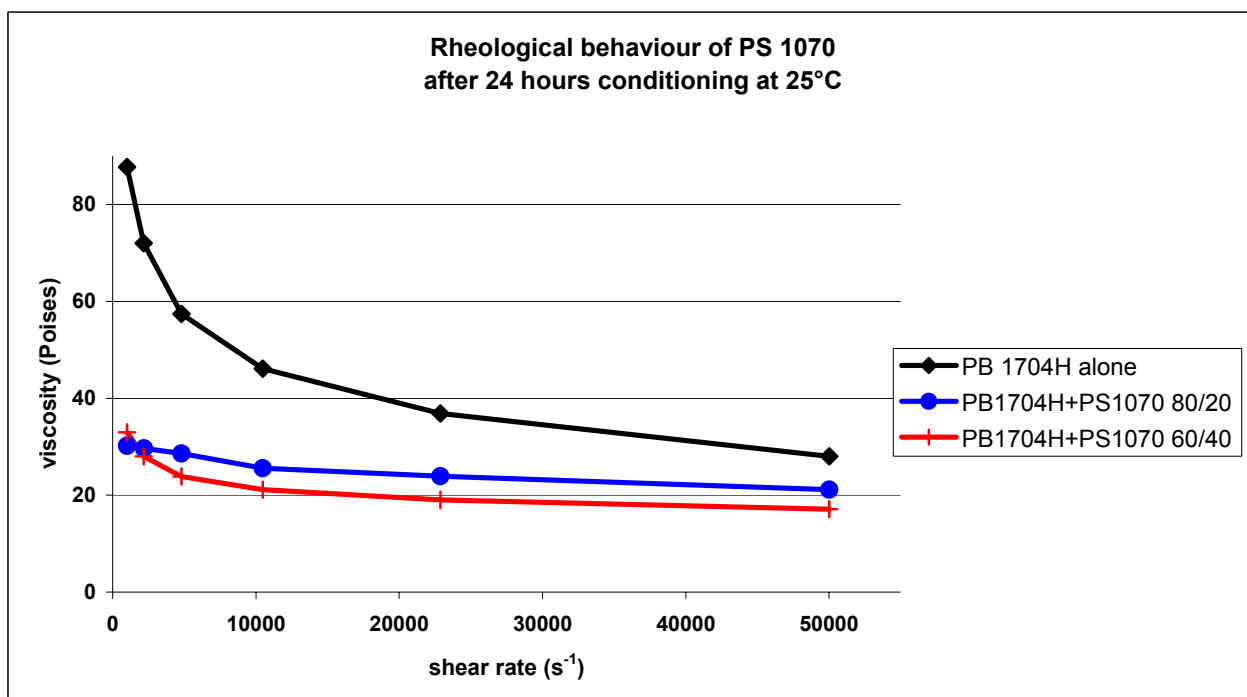
Its addition to a plastisol produced from microsuspension or emulsion PVC allows:

- Reduction of viscosity and viscosity stabilisation during storage,
- Reduction of plastisol dilatancy,
- Improvement of mattness for top coat or wear layer,
- Improvement of transparency and thermal stability whilst ensuring equivalent mechanical properties and a good flexibility at low temperature.

Example:

Viscosity measurement at high shear levels using a capillary viscometer shows the fluidifying effect of PS 1070 for the formulation below:

PVC PB 1704H	100-x
PVC extender PS 1070	x
DOP	30
BBP	10
DDB	5
Epoxydised Soya Bean Oil	3
Stabiliser Ba/Zn	2



Packaging and storage:

PS 1070 resin is packed in 25 kg bags, packed and wrapped with stretched film on pallets.

It can also be delivered in bulk.

The resin must be stored in a dry place and at moderate temperature. Under such conditions, the recommended storage can exceed 18 months.

For information on the precautions for the use of PS 1070 resin, please refer to the product's Safety Data Sheet.

General Information:

Further processing information and recommendations can be obtained from our Technical Service department or our representatives.

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BU PVC	08.01	04/2008

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