

LG PVC PB1120

Paste Resin



Product Information

General Description

LG Chem PB1120 is a poly vinyl chloride homopolymer suitable for medium viscosity plastisol processing.

Main Applications

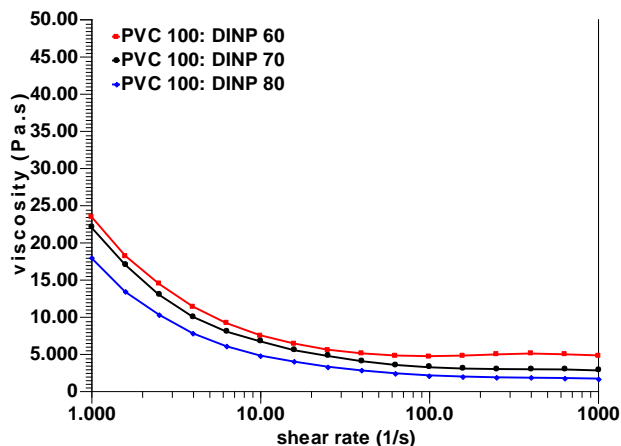
- Wallcovering
- Foaming layer for artificial leather and flooring
- Automotive UBC & sealants

PB1120 exhibits excellent foaming characteristics in chemically blown foams, particularly for screen printing and hot embossing for wall covering manufacturing

Advantages

- ✓ Excellent foaming characteristics (fine cell structure)
- ✓ Medium-viscosity and pseudoplastic rheological behaviour

Viscosity curves



Paste preparations with 60, 70, 80 phr DIMP. Readings were made 1 h after preparation at 25 °C with a Rheometer (TA Instruments, AR2000)

Resin Properties

Parameter	Test Method	Unit	Test Condition	Typical Value
K-Value	ISO 1628-2	-	-	66 ± 1
Degree of Polymerization	JIS K 6720-2	-	30 °C	1,000 ± 50
Apparent Bulk Density	ASTM D1895	g/cm ³	-	0.36 ± 0.02
Volatiles	ASTM D3030	%	110 °C, 1hr	Max. 0.7
B.F Viscosity	ASTM D1824	ps	DOP 60part,6rpm	300±150
S.V Viscosity	ASTM D1823	g/sec	DOP 60part,4bar	Min. 2.5

Packaging

Paper bag(20kg),Jumbo bag, LG Chem PVC should be stored dry and away from direct or indirect sources of heat

Quality & Environment Certification

ISO 50001:2011 166926CC1-2014-AE-KOR-RvA
 ISO 9001:2008 44570-2008-AQ-KOR-RvA
 ISO 14001:2004 44611-2008-AE-KOR-RvA
 OHSAS 18001:2007 44612-2008-HSO-KOR-DNV
 ROHS, SVHC completed test by SGS

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IMPORTANT (Updated : September. 2015)

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