

LG PVC PA1302

Paste Resin



Product Information

General Description

LG Chem PA1302 is a poly vinyl chloride - vinyl acetate Copolymer dispersion resin, exhibiting fast fusion at low processing temperatures

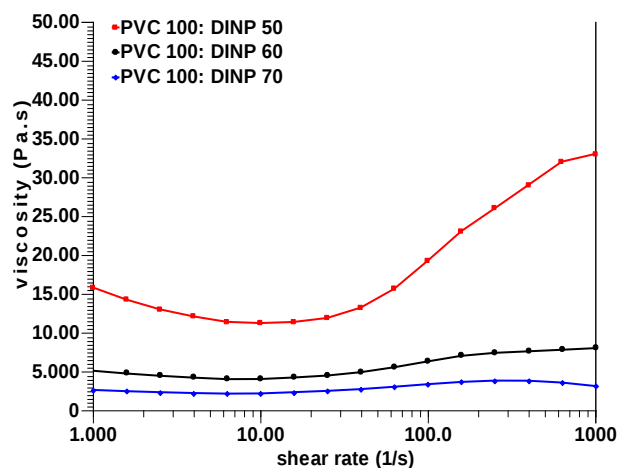
Main Applications

- Automotive UBC & sealants
- Impregnation layer (Flooring & technical textiles)
- Carpet backing
- Adhesive layer(laminating pastes)
- Coating heat-sensitive base fabrics, Adhesive layer

Advantages

- ✓ Very fast fusion
- ✓ Low viscosity & Good storage stability of plastisols
- ✓ good adhesion at textiles and automotive metal sheets

Viscosity curves



Paste preparations with 50, 60 , 70 phr DINP. 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	-	-	71 ± 1
Degree of Polymerization	JIS K 6720-2	-	30 °C	1,300 ± 50
Apparent Bulk Density	ASTM D1895	g/cm ³	-	0.35 ± 0.02
Volatiles	ASTM D3030	%	110 °C, 1hr	Max. 0.3
B.F Viscosity	ASTM D1824	ps	DOP 50part,20rpm	150±100
S.V Viscosity	ASTM D1823	g/sec	DOP 50part,4bar	Min. 0.4
VAC content	LG method	%		5.0 ± 1.0

Packaging

Paper bag(20kg), 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 : March. 2016)

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