

LG PVC LP170G

Paste Resin



Product Information

General Description

LG Chem LP170G is a fine particle size PVC homopolymer suitable for low viscosity plastisol processing. It provides the ability to produce thin coatings

Main Applications

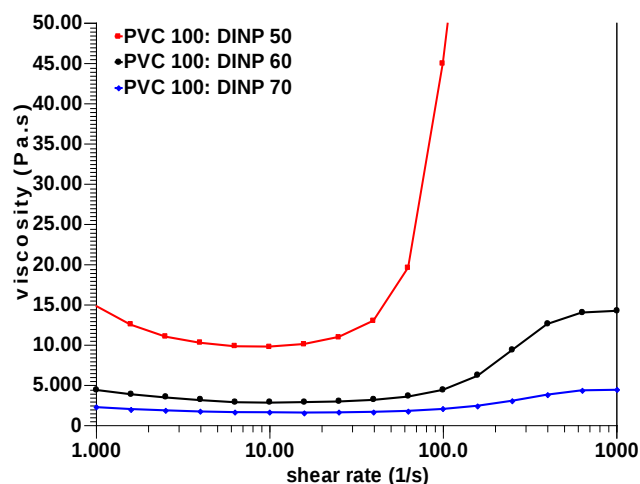
- Examination glove for Medical & industrial
- Coil coating (Thin layer)
- Top layer of flooring, Artificial leather
- Toy & Ball, Label

Advantages

- ✓ Fine particle size homopolymer (Thin layer)
- ✓ Smooth surfaces & good mechanical parameters
- ✓ Very low initial viscosity
- ✓ Excellent air release

Resin Properties

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)

Parameter	Test Method	Unit	Test Condition	Typical Value
K-Value	ISO 1628-2	-	-	75 ± 1
Degree of Polymerization	JIS K 6720-2	-	30 °C	1570 ± 50
Apparent Bulk Density	ASTM D1895	g/cm ³	-	0.34 ± 0.03
Volatiles	ASTM D3030	%	110 °C, 1hr	Max. 1.20
B.F Viscosity	ASTM D1824	cps	DOP 60part, 6rpm	4,000 ± 1,000
S.V Viscosity	ASTM D1823	g/sec	DOP 60part, 4bar	Min. 1.2

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 : September. 2015)

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