

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

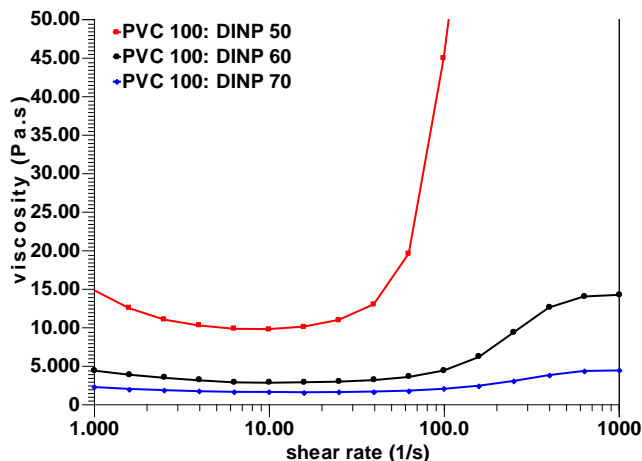
Resin Properties

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

Viscosity curves



Paste preparations with 50, 60, 70 phr DIMP. Readings were made 1 h after preparation at 25 °C with a Rheometer (TA Instruments, AR2000)

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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