LG PVC LP170
Paste Resin

Product Information

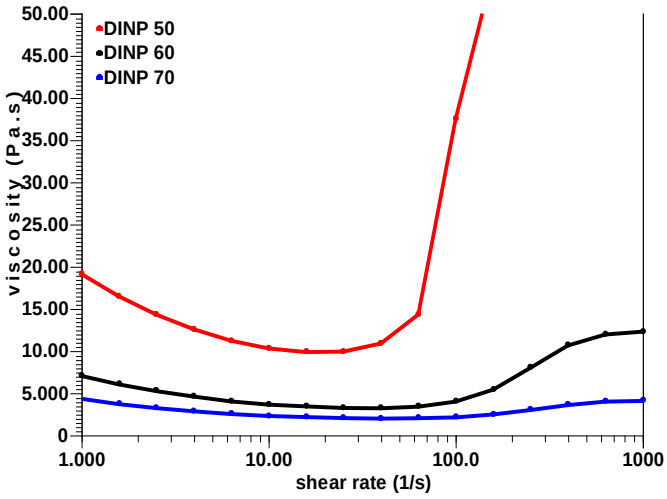
General Description

LG Chem LP170 is a poly vinyl chloride homopolymer suitable for low viscosity plastisol processing.

Main Applications

- Top layer of flooring, Artificial leather
- Technical textiles (tarpaulins, banners, conveyor belts)
- Toy & Ball, Label
- Cap closures

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)

Advantages

- ✓ Smooth surfaces & good mechanical property
- ✓ Excellent air release
- ✓ Excellent thermostability

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 ℃	1,550 ± 50
Apparent Bulk Density	ASTM D1895	g/cm^3	-	0.34± 0.02
Volatiles	ASTM D3030	%	110℃, 1hr	Max. 1.20
B.F Viscosity	ASTM D1824	cps	DOP 60part,6rpm	5,500±1,500
S.V Viscosity	ASTM D1823	g/sec	DOP 60part, 4bar	Min. 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)