

LG PVC **LP010F**

Paste Resin



Product Information

General Description

LG Chem LP010F 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 & Can coating, Coil coating

Colorless coatings with LP010F shows crystal clear and glossy surface.

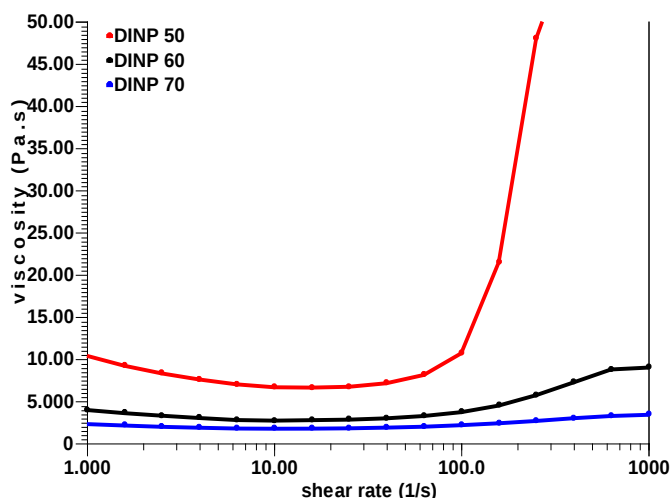
Advantages

- ✓ Very low initial viscosity
- ✓ High transparency, glossy and crystal clear films
- ✓ Lowest water absorption tendency
- ✓ Excellent air release

Resin Properties

Parameter	Test Method	Unit	Test Condition	Typical Value
K-Value	ISO 1628-2	-	-	76 ± 1
Degree of Polymerization	JIS K 6720-2	-	30 °C	1,650 ± 50
Apparent Bulk Density	ASTM D1895	g/cm ³	-	0.34 ± 0.04
Volatiles	ASTM D3030	%	110 °C, 1hr	Max. 1.20
B.F Viscosity	ASTM D1824	cps	DOP 60part,6rpm	4,500±1,500
S.V Viscosity	ASTM D1823	g/sec	DOP 60part,4bar	Min. 1.0

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)

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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