

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

Advantages

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

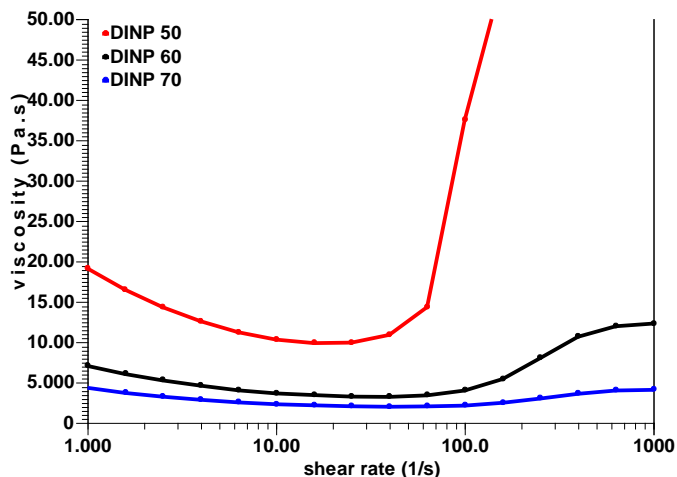
Resin Properties

Parameter	Test Method	Unit	Test Condition	Typical Value
K-Value	ISO 1628-2	-	-	75± 1
Degree of Polymerization	JIS K 6720-2	-	30 °C	1,550 ± 50
Apparent Bulk Density	ASTM D1895	g/cm ³	-	0.34± 0.02
Volatiles	ASTM D3030	%	110 °C, 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

Viscosity curves



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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