

## Product Information

### General Description

LG Chem LP090 is a poly vinyl chloride homopolymer suitable for low viscosity plastisol processing .

### Main Applications

- Foaming layer of flooring, Artificial leather
- Foaming layer of wallpaper
- Flooring impregnation layer, carpet backing
- Cap closures

LP090 exhibits excellent foaming characteristics in chemically blown foams. Also it have very fast foaming property for the low molecular weight.

### Advantages

- ✓ Very fast foaming speed (low gelling temperature)
- ✓ excellent foaming characteristics
- ✓ Good thermostability

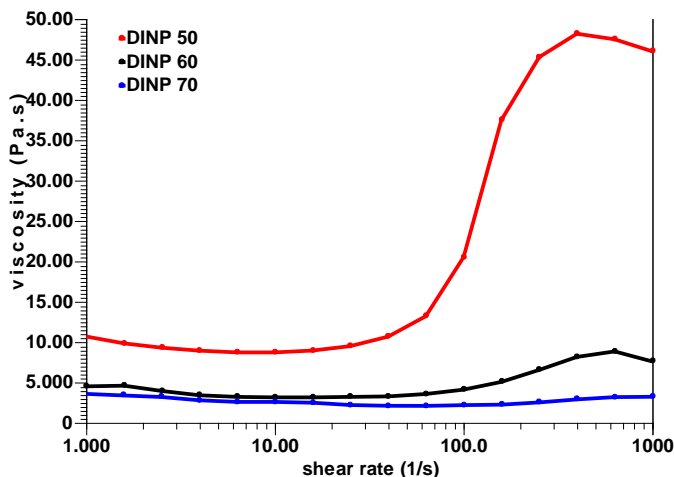
### Resin Properties

Parameter	Test Method	Unit	Test Condition	Typical Value
K-Value	ISO 1628-2	-	-	64 ± 1
Degree of Polymerization	JIS K 6720-2	-	30 °C	950 ± 50
Apparent Bulk Density	ASTM D1895	g/cm <sup>3</sup>	-	0.35± 0.02
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

### 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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### PVC/Plasticizer Division

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### IMPORTANT (Updated : September. 2015)

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