

LG PVC PB1202

Paste Resin



Product Information

General Description

LG Chem PB1202 is a poly vinyl chloride homopolymer suitable for low viscosity plastisol processing.

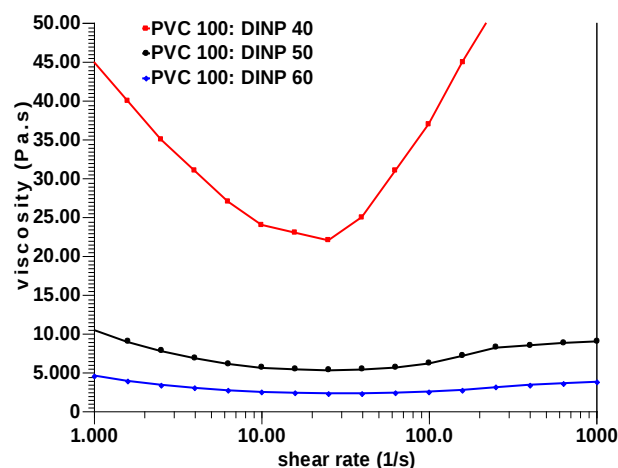
Main Applications

- Artificial leather compact layer
- Artificial leather foam layer
- Flooring foam layer

Advantages

- ✓ Low viscosity & Good storage stability of plastisols
- ✓ High filler acceptance

Viscosity curves



Paste preparations with 40, 50, 60 phr DINP. Readings were made 1 h after preparation at 25 °C with a Rheometer (TA Instruments, AR2000)

Resin Properties

Parameter	Test Method	Unit	Test Condition	Typical Value
K-Value	ISO 1628-2	-	-	66 ± 1
Degree of Polymerization	JIS K 6720-2	-	30 °C	1,050 ± 50
Apparent Bulk Density	ASTM D1895	g/cm ³	-	0.36 ± 0.02
Volatiles	ASTM D3030	%	110 °C, 1hr	Max. 0.2
B.F Viscosity	ASTM D1824	ps	DOP 40part, 20rpm	250 ± 150
S.V Viscosity	ASTM D1823	g/sec	DOP 40part, 4bar	Min. 0.4

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



LG Chem

www.lgchem.com

PVC/Plasticizer Division

Sales team
 - E: superchoi@lgchem.com, T: 82-2-3773-3484
 Technical team
 - E: hojong@lgchem.com, T: 82-42-719-3659

IMPORTANT (Updated : March. 2016)

The information contained herein, including, but not limited to, data, statements and typical values, are given in good faith. LG Chem makes no warranty or guarantee, expressed or implied, (i) that the result described herein will be obtained under end - use conditions, or (ii) as to the effectiveness or safety of any design incorporating LG Chem materials, products, recommendations or advice. Further, any information contained herein shall not be construed as a part of legally binding offer. Especially, the typical values should be regarded as reference values only and not as binding minimum values. Each user bear full responsibility for making its own determination as to the suitability of LG Chem's materials, products, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating LG Chem material or products will be safe and suitable for use under end - use conditions. The data contained herein can be changed without notice as a result of the quality improvement of the products."