

## General Description

PB1152C, homopolymer made by micro-suspension seeded polymerization, is a high-viscosity PVC resin with pseudo-plastic flow property. It can be used for casting leather sheet flooring layer and wall paper made by knife coating, roll coating and gravure coating.

## Main Applications

Synthetic leather, Chemical foaming and compact layer in flooring

## Resin Properties

Parameter	Test Method	Unit	Test Condition	Typical Value
K-Value	DIN53726 / ISO1628-2	-	-	66
Degree of Polymerization	JIS K 6720-2	-	30	1,000 ± 50
Apparent Bulk Density	ASTM D1895	g/cm <sup>3</sup>	-	0.36 ± 0.05
Volatiles	ASTM D3030	%	110 , 1hr	Max. 0.3
B.F Viscosity	ASTM D1824	cps	DOP 60part	20,000± 15,000
S.V Viscosity	ASTM D1823	g/sec	DOP 60part	Min. 1.5

## Packaging

Paper bag(20kg), Jumbo bag

### Certificate Numbers

ISO 9001:2000      00048-1997-AQ-SEO-RvA (rev.1)  
 ISO 14001:2004      0008-1996-AE-SEO-RvA  
 OHSAS 18001:1999      0015-2000-HSO-SEO-DNV (rev.1)

**IMPORTANT !** Although LG Chem believes that the information contained herein (including data and statements) is accurate as of date hereof, LG Chem makes neither warranty nor 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. Each user bears 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.

Keep the directions and advices contained in MSDS (Material Safety Data Sheet) made and distributed by LG Chem when handling the product and work out proper safety countermeasures. The substance described in MSDS is intended for general condition and each user must work out additional safety countermeasures when mixing with other products or using in special condition.

