

# LG PVC PB1302



## Paste PVC

### Introduction

PB1302, homopolymer made from micro- suspension polymerization, is a low- viscosity PVC resin with a pseudo plastic flow property in processing range.

PB1302 can be used for casting leather sheet, sheets made by Knife coating/ roll coating

### Application

General purpose grade for flooring, fabric coating

### Properties

Item	Test Method	Unit	Test Condition	Value
Degree of Polymerization	JIS K 6721-77	-	30°C	1250 ± 100
K-Value	DIN 53726	-	-	71
Apparent Bulk Density	ASTM D1895-90	g/cm <sup>2</sup>	-	0.36 ± 0.06
Volatiles	ASTM D3030-90	%	110°C x 1hr	Max 0.2
Brookfield Viscosity (DOP 60phr)	ASTM D1824-90	cps	6 RPM	-
Sever Viscosity(DOP 60phr)	ASTM D3030-90	g/sec	4 BAR	Min 0.4

\*Note : 1)The values of properties in the above table have been obtained by the test pieces(natural color) manufactured under certain of injection.

2)The listed values should be used for referential purposed only.

### Test Condition

#### 1) Brookfield Viscosity

Fomulation Resin 100, DOP refer to chart  
Condition  
Rotational Viscometer  
Mode LVT Type, Rotor RPM 6, 12

#### 2) Severs Viscosity

Condition  
Severs Extrusion Rheometer  
Orifice diameter 3.043mm, length 50mm  
Pressure 4, 8 Bars

Contact the technical team of PVC & Plasticizer any questions or requirements relevant to PB1302 products.



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