

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 ²	-	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.