

LG PVC PB1202

Paste PVC

Introduction

PB1202, homopolymer made by micro- suspension seeded polymerization, PVC resin has fluid property similar to Newtonian fluidity(low-viscosity)

PB1202 is mainly used for non-foam products by coating, also used for foaming products.

Especially, it is wide used for products in which plasticizer is rarely added.

Application

Flooring and wall covering, gloss surface layer

Properties

Item	Test Method	Unit	Test Condition	Value
Degree of Polymerization	JIS K 6721-77	-	30°C	1100 ± 100
K-Value	DIN 53726	-	-	68
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 0.3

*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 PB1202 products.