

LG PVC LP170



Paste PVC

Introduction

LP170, homopolymer made from micro- suspension polymerization, is a medium- viscosity PVC resin with a pseudo plastic flow property in processing range.

LP170 can be used for synthetic leather foam layer made by Knife coating/ Roll coating/ Gravure coating especially, products made from LP170 are excellent in restoring force and print ability.

Application

Synthetic leather, rotational molding, flooring and wall covering

Properties

Item	Test Method	Unit	Test Condition	Value
Degree of Polymerization	JIS K 6721-77	-	30°C	1550 ±50
K-Value	DIN 53726	-	-	76
Apparent Bulk Density	ASTM D1895-90	g/cm ²	-	0.34 ± 0.06
Volatiles	ASTM D3030-90	%	110°C x 1hr	Max 1.5
Brookfield Viscosity (DOP 60phr)	ASTM D1824-90	cps	6 RPM	5500 ± 2000
Sever Viscosity(DOP 60phr)	ASTM D3030-90	g/sec	4 BAR	Min 1.0

*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 LP170 products.



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