

LG PVC LP170

Polyvinyl Chloride Homopolymer

LG Chem Ltd.

Message:

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 and gravure coating especially. Products made from LP170 are excellent in restoring force and print ability.

General Information	
Features	Excellent Printability Foamable Medium Viscosity
Uses	Flooring Wall Panels
Forms	Paste
Processing Method	Coating Rotational Molding

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.28 to 0.40	g/cm ³	ASTM D1895
K-Value	76.0		DIN 53726
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity ¹	3.50 to 7.50	Pa·s	ASTM D1824
Sever Viscosity ²	> 600.00	g/10 min	ASTM D3030
Degree of Polymerization (30°C)	1500 to 1600		JIS K6721
Volatiles - 1 hr (110°C)	< 1.5	%	ASTM D3030

NOTE	
1.	6 rpm, DOP 60 phr
2.	4 bar, DOP 60 phr

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