



LG PVC LS100

Straight PVC : General purpose Grade

Introduction

LS100, homopolymer made by suspension polymerization can be applied to soft or rigid products widely. It can be applied to soft product like sheet or cable, hose. Also, it can be applied to rigid product like pipe or sash. Products made from LS100 have excellent mechanical properties in rigid products and good surface properties in soft products.

Application

Pipe, Cable, Leather Sheet, Hose, Rigid Sheet, Wrap Film, Sash

Properties

Test	Methods	Unit	Condition	Mid-value
Degree of polymerization	JIS K6721-77	-	30°C	1000±50
K-Value	DIN 53726	-	-	66(65)
Particle size distribution	ASTM D1921	%	45 Mesh	MAX 0.2
Bulk density	ASTM D 1895-90	g/cm ³	-	0.55±0.03
Real density	ASTM D 792	-	23°C	1.4
Heat Loss	ASTM D 3030-95	%	-	Max 0.3

* Data based on values from tests. They are not guaranteed.

■ Contact LG Chem tech center PVC/Plasticizer team, if you have question about process of LS100



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