WeConnectScience

LG Chem

ME9180F

Description

Excellent color stability and spinnability

Outer layer for Bi-component fiber

Application

Bi-component staple fiber

Properties	Method	Condition	Unit	ME9180F
Physical				
MFI	ASTM D1238	190℃, 2.16kg load	g/10min	20
Density	ASTM D792	Method A	g/cm³	0.958
Mechanical				
Tensile Strength at Yield Point(kgf/㎠)	ASTM D638	50㎜/min	kgf/cm²	290
Elongation at Break Point	ASTM D638	50㎜/min	%	>500
Flexural Modulus(kgf/㎠)	ASTM D790	Press sheet, 1% Secant	kgf/cm²	10000
Izod Impact Strength(kgf·㎝/㎝)	ASTM D256	23℃, Notched	kgf·cm/cm	4
Hardeness(Shore D)	ASTM D2240	Shore D		64
Thermal				
Melting Temperature	LG Method	by DSC	℃	132
Vicat Softening Temperature	ASTM D1525	A50	℃	123

Note

The properties data in this table are typical values, and not guaranteed specification.
Typical resin property values are measured on a standard compression molded specimens.

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