

# ME9180F

## Description

Excellent color stability and spinnability  
Outer layer for Bi-component fiber

## Application

Bi-component staple fiber

Properties	Method	Condition	Unit	ME9180F
<b>Physical</b>				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	20
Density	ASTM D792	Method A	g/cm <sup>3</sup>	0.958
<b>Mechanical</b>				
Tensile Strength at Yield Point(kgf/cm <sup>2</sup> )	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	290
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(kgf/cm <sup>2</sup> )	ASTM D790	Press sheet, 1% Secant	kgf/cm <sup>2</sup>	10000
Izod Impact Strength(kgf·cm/cm)	ASTM D256	23°C, Notched	kgf·cm/cm	4
Hardeness(Shore D)	ASTM D2240	Shore D		64
<b>Thermal</b>				
Melting Temperature	LG Method	by DSC	°C	132
Vicat Softening Temperature	ASTM D1525	A50	°C	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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