

# LF100

## Description

EOR(Ethylene-1-Octene copolymer)

For POP(Polyolefin Plastomer) film

Additives : Antioxidant only

## Application

Lamination film, Packaging Films

Properties	Method	Condition	Unit	LF100
<b>Physical</b>				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	1.2
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.902
Color(Yellow Index)	LG Method			1.4
<b>Film Properties</b>				
Tensile Strength at Break Point, MD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	49
Tensile Strength at Break Point, TD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	46
Elongation at Break Point, MD	ASTM D882	500mm/min	%	540
Elongation at Break Point, TD	ASTM D882	500mm/min	%	630
Elmendorf Tear Strength, MD	ASTM D1922	500mm/min	gf/μm	12
Elmendorf Tear Strength, TD	ASTM D1922	500mm/min	gf/μm	16
Puncture Resistance	ASTM D4833		J/cm <sup>2</sup>	5.2
Haze(50μm)	ASTM D1003	50μm	%	3.5
<b>Thermal</b>				
Melting Temperature	LG Method	by DSC	°C	100

## Note

The properties data in this table are typical values, and not guaranteed specification.

Typical film property values are measured on 50μm single layer blown film specimens(BUR 2.3).

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