

# LB5000

## Description

Extrusion coating with uniform thickness and width  
Good adhesion strength with other substrate and excellent neck-in characteristics.  
No contains additives. Complies with U.S. FDA 21CFR 177.1520 C.

## Application

Flexible packaging (adhesive layer of multi-layer packaging film,  
heat sealing layer in contact with food), paper coating

Properties	Method	Condition	Unit	LB5000
Physical				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	5.2
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.918
Mechanical				
Tensile Strength at Yield Point(kgf/cm <sup>2</sup> )	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	90
Tensile Strength at Break Point	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	120
Elongation at Break Point	ASTM D638	50mm/min	%	>550
Thermal				
Melting Temperature	LG Method	by DSC	°C	106
Vicat Softening Temperature	ASTM D1525	A50	°C	83

## 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.