

LB5000N

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	LB5000N
Physical				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	7.3
Density	ASTM D1505	Density-Gradient	g/cm ³	0.917
Mechanical				
Tensile Strength at Yield Point(kgf/cm ²)	ASTM D638	50mm/min	kgf/cm ²	90
Tensile Strength at Break Point	ASTM D638	50mm/min	kgf/cm ²	115
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Thermal				
Melting Temperature	LG Method	by DSC	°C	106
Vicat Softening Temperature	ASTM D1525	A50	°C	82

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.