

❑ Basic Characteristics

❖ Application

Extrusion coating application for food package (tie layer or sealant layer of laminating), paper & paper board

❖ Description

LUTENE LB7500N is mainly intended for extrusion coating and can be processed at high speed uniform thickness and width. LUTENE LB7500N is also noted for the excellent adhesion to porous and non porous substrates such as paper, nylon, OPP, PET and aluminum and has good heat seal strength and hot-tack strength. LUTENE LB7500N contains no additives.

LUTENE LB7500N exhibit

- * Good draw down
- * Low neck-in
- * Good edge stability

❖ Specification

1) USA FDA 21CFR 177.1520(C)

❖ Properties

Resin	Test Method	Condition	Unit	Value
Melt Index	ASTM D1238	190°C/2.16kg	g/10min	7.5
Melting Temperature	DSC	10°C/min	°C	107
Density	ASTM D1505	23°C	g/cm ³	0.918
Vicat Softening Point	ASTM D1525	1kg	°C	87

Mechanical	Test Method	Condition	Unit	Value
Tensile at Yield	ASTM D638	200mm/min	kg/cm ²	90
Tensile at Break	ASTM D638	200mm/min	kg/cm ²	115
Elongation at Break	ASTM D638	200mm/min	%	500

Other	Test Method	Condition	Unit	Value
Minimum heat seal temp.	LG Method	on Paper:20g/m ²	°C	110
Neck-in	LG Method	Coating Speed:150m/min	mm	25
Minimum Coating weight	LG Method	Coating Speed:550m/min	g/m ²	9
Maximum Coating speed	LG Method	Coating weight:9g/m ²	m/min	550

1) The listed values should be used for referential purpose only.