

Lotte Chemical

PP

L-670M

Product information

Material Shape	Pellets
Process	Extrusion molding Coating
Polymer	Random Copolymer
Features	High stiffness、 Good bond strength、 Good pigment dispersing、 Good processability
Application	Food packaging application、 BOPP film、 Extrusion coating applications

Mechanical behavior	Condition	Standard	Value	Unit
Elongation	Break	ASTM D638	500	%
Flexural Modulus		ASTM D790	833.33	MPa
Izod Notch Impact	23°C	ASTM D256	5	kJ/m ²
Tensile Strength	Yield	ASTM D638	22.54	MPa
Thermal	Condition	Standard	Value	Unit
HDT	0.45MPa	ASTM D648	85	°C
Melting Temperature		INTERNAL METHOD	145	°C
Vicat Softening Temperature		ASTM D1525	128	°C
Physical property	Condition	Standard	Value	Unit
Density		ASTM D792	0.9	g/cm ³
Melt Index		ASTM D1238	28	g/10min
Hardness	Condition	Standard	Value	Unit
Rockwell Hardness	R(Scale)	ASTM D785	80	