

LUCENE SP330



Resin Type Metallocene Linear Low Density Polyethylene

Application Heavy duty bag, Multi-purpose Packaging Film

Description

- Characteristics: Excellent Dart Impact, Excellent Processability, Good Sealability, Higher Stiffness
- Comonomer: hexcene-1
- Additives: Antioxidant, Antiblock, Processing Aid

Properties	Test Method	Test Condition	Unit	Value
Resin Properties				
Melt Index	ASTM D1238	190°C/2.16 kg	g/10 min	0.6 ~ 0.8
Density	ASTM D1505	23°C	g/cm ³	0.927 ~ 0.931
Ultimate Tensile Strength	ASTM D638	50 mm/min	kgf/cm ²	400
Ultimate Elongation	ASTM D638	50 mm/min	%	750
Vicat Softening Point	ASTM D1525	-	°C	110

* Typical resin property values measured on a standard compression molded specimens, conditioned at 23°C.

Film Properties(Thickness: 150 μm)

Ultimate Tensile Strength	ASTM D882	-	kgf/cm ²	MD 450
				TD 440
Ultimate Elongation	ASTM D882	-	%	MD 650
				TD 700
Elmendorf Tear Strength	ASTM D1922	-	g/μm	MD 4
				TD 9
Dart Impact Strength	ASTM D1709	-	g	830
Haze	ASTM D1003	-	%	22

* Film processing condition

- Processing machine: Φ30mm blown film extruder
- Processing temperature(°C): C1/C2/C3/AD/D1/D2 = 140/160/170/170/170/170
- Blow up ratio: 1.8, Screw rpm: 50

The data and information represented herein are intended as a general guide only and are not construed as specification limits. Since the actual processing conditions of our products may vary and are beyond our control, establishing satisfactory performance of the resin for the intended application is the customer's sole responsibility.