

LUCENE™ HP2018BI

Metallocene LLDPE

Application

- Food Packaging, Agricultural Film, Lamination Film, Industrial Packaging Film

Characteristics

- Outstanding dart impact strength and excellent process-ability
- Co-monomer : 1-Hexene
- Additives
 - Slip : 800ppm, Anti-Block : 2000ppm, Processing Aid : Yes, Antioxidant : Yes

Properties

Item	Test Method	Unit	Typical Value
Resin Properties			
Density	ASTM D1505	g/cm ³	0.918
Melt Index (190°C/2.16kg)	ASTM D1238	g/10min	2.0
Peak Melting Temperature	LG Method	°C	117
Film Properties			
Tensile strength at Break MD/TD	ASTM D882	kg/cm ²	520 / 530
Elongation at Break MD/TD	ASTM D882	%	570 / 600
Secant Modulus - 1% Secant MD/TD	ASTM D882	kg/cm ²	2400 / 2500
Dart Impact Strength	ASTM D1709A	g	630
Elmendorf Tear Strength MD/TD	ASTM D1922	g	370 / 410
Haze	ASTM D1003	%	14

1) Film properties are measured on 25 μ m film specimen*, and properties may vary depending on processing equipment & conditions.

* B.U.R : 2.5, Processing temperature : 170°C

2) The data in this table are typical values, and not guaranteed specification

Processing Information

- Processing temperature : 150 ~ 180°C
- Blow up ratio : 1.5 ~ 3.0
- Film thickness (μ m) : 20 ~ 200

For additional sales, order and technical assistance

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