

LUCENE™ HP1018BM

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 : 500ppm, Anti-Block : 2500ppm, 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	1.0
Peak Melting Temperature	LG Method	°C	118
Film Properties			
Tensile strength at Break MD/TD	ASTM D882	kg/cm ²	500 / 520
Elongation at Break MD/TD	ASTM D882	%	550 / 640
Secant Modulus - 1% Secant MD/TD	ASTM D882	kg/cm ²	2400 / 2600
Dart Impact Strength	ASTM D1709A	g	700
Elmendorf Tear Strength MD/TD	ASTM D1922	g	310 / 470
Haze	ASTM D1003	%	18

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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