LUCENE™ HP3518CN

LG Chem

Metallocene LLDPE

Application

- Stretch Film, Industrial Packaging Film, Food Packaging

Characteristics

- Outstanding dart impact strength and excellent process-ability
- Co-monomer : 1-Hexene
- Additives
  - Slip : No, Anti-Block : No, Processing Aid : No, Antioxidant : Yes

Properties

Item	Test Method	Unit	Typical Value
Resin Properties			
Density	ASTM D1505	g/㎤	0.918
Melt Index (190℃/2.16kg)	ASTM D1238	g/10min	3.5
Peak Melting Temperature	LG Method	℃	114
Film Properties			
Tensile strength at Break MD/TD	ASTM D882	kg/㎠	480 / 480
Elongation at Break MD/TD	ASTM D882	%	590 / 610
Secant Modulus - 1% Secant MD/TD	ASTM D882	kg/㎠	1900 / 1900
Dart Impact Strength	ASTM D1709A	g	800
Elmendorf Tear Strength MD/TD	ASTM D1922	g	450 / 490
Haze	ASTM D1003	%	2.5

*** Film properties are measured on 25㎛ film specimen**
**** The data in this table are typical values, and not guaranteed specification**
***** Processing Condition : Die Temp. 230℃, Line Speed 5.0m/min**

Processing Information

- Processing temperature : 200 ~ 300℃
- Chill Roll Temperature : 10 ~ 40℃
- Film thickness (㎛) : 10 ~ 50

For additional sales, order and technical assistance

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