

LUCENE™ HP3518CN

Metallocene LLDPE

Characteristics

- Outstanding dart impact strength and process-ability
- Co-monomer : 1-Hexene
- Fluoropolymers, or fluorine-containing compounds, and TnPP is not intentionally added to LUCENE™ HP3518CN
- Additives

Grade	Slip	Anti-Block	Processing Aid	Antioxidant
HP3518CN	-	-	-	O

Application

- Stretch Film, Industrial Packaging Film, Food Packaging

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	3.5
Peak Melting Temperature	LG Method	°C	114
Film Properties			
Tensile strength at Break MD/TD	ASTM D882	kg/cm ²	480 / 480
Elongation at Break MD/TD	ASTM D882	%	590 / 610
Secant Modulus - 1% Secant MD/TD	ASTM D882	kg/cm ²	1,900 / 1,900
Dart Impact Strength	ASTM D1709A	g	500
Elmendorf Tear Strength MD/TD	ASTM D1922	g	450 / 490
Haze	ASTM D1003	%	2.4

* Film properties are measured on 30 μ m Cast film specimen

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

*** Processing Condition : Die Temp. 230°C, Line Speed 5.0m/min

Processing Information

- Processing temperature : 200 ~ 300°C
- Chill Roll Temperature : 10 ~ 40°C
- Film thickness (μ m) : 10 ~ 50