

LUCENE™ HP3527CN

Metallocene LLDPE

Characteristics

- Outstanding toughness & Stiffness and process-ability
- Co-monomer : 1-Hexene
- Fluoropolymers, or fluorine-containing compounds, and TnPP is not intentionally added to LUCENE™ HP3527CN
- Additives

Grade	Slip	Anti-Block	Processing Aid	Antioxidant
HP3527CN	-	-	-	0

Application

- Base Resin for Breathable Film (Hygiene & Industrial Breathable Film)

Properties

Item	Test Method	Unit	Typical Value
Resin Properties			
Density	ASTM D1505	g/cm ³	0.927
Melt Index (190°C/2.16kg)	ASTM D1238	g/10min	3.5
Peak Melting Temperature	LG Method	°C	121
Film Properties			
Tensile strength at Break MD/TD	ASTM D882	kg/cm ²	410 / 420
Elongation at Break MD/TD	ASTM D882	%	680 / 700
Secant Modulus - 1% Secant MD/TD	ASTM D882	kg/cm ²	2,700/2,750
Dart Impact Strength	ASTM D1709A	g	< 135
Elmendorf Tear Strength MD/TD	ASTM D1922	g	140/300
Haze	ASTM D1003	%	9

1) Film properties are measured on 50 μ m Cast film specimen*, and properties may vary depending on processing equipment & conditions. * Processing temperature : 230°C

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

Processing Information

- Processing temperature : 200 ~ 300°C
- Film thickness (μ m) : 10 ~ 100