

LLDPE UF1004DN

Z-N LLDPE

Characteristics

- Good physical properties and process-ability
- Co-monomer : 1-Butene
- TnPP is not intentionally added to LLDPE UF1004DN
- Additives

Grade	Slip	Anti-Block	Processing Aid	Antioxidant
UF1004DN	-	-	-	0

Application

- Stretch Film , Food Packaging Film, Industrial Packaging Film, Lamination Film

Properties

Item	Test Method	Unit	Typical Value
Resin Properties			
Density	ASTM D1505	g/cm ³	0.919
Melt Index (190°C/2.16Kg)	ASTM D1238	g/10min	2.8
Peak Melting Temperature	LG Method	°C	121
Film Properties			
Tensile Strength at Break MD/TD	ASTM D882	kg/cm ²	400 / 380
Elongation at Break MD/TD	ASTM D882	%	650 / 750
Secant Modulus - 1% Secant MD/TD	ASTM D882	kg/cm ²	2,000 / 2,000
Dart Impact Strength	ASTM D1709A	g	<135
Elmendorf Tear Strength MD/TD	ASTM D1922	g	270 / 300
Haze	ASTM D1003	%	1.2

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

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

3) 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 : 10 ~ 50 μ m