

# LLDPE UF1002EN

Z-N LLDPE

## Application

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

## Characteristics

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

## Properties

Item	Test Method	Unit	Typical Value
<b>Resin Properties</b>			
Density	ASTM D1505	g/cm <sup>3</sup>	0.918
Melt Index (190°C/ 2.16Kg)	ASTM D1238	g/10min	2.0
Peak Melting Temperature	LG Method	°C	121
<b>Film Properties</b>			
Tensile strength at Break MD/TD	ASTM D882	Kg/cm <sup>2</sup>	350 / 270
Elongation at Break MD/TD	ASTM D882	%	700 / 760
Secant Modulus - 1% Secant MD/TD	ASTM D882	Kg/cm <sup>2</sup>	2500 / 2600
Dart Impact Strength	ASTM D1709A	g	<135
Elmendorf Tear Strength MD/TD	ASTM D1922	g	180 / 360
Haze	ASTM D1003	%	13

\* Film properties are measured on 25 $\mu$ m film specimen

\*\* 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 ( $\mu$ m) : 20 ~ 200

For additional sales, order and technical assistance

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