

## UF315

## LINEAR LOW DENSITY POLYETHYLENE

### General Information

#### Description

- ◆ UF315 is manufactured by Unipol process technology.
- ◆ UF315 has good mechanical properties, excellent optical properties and good processability.

#### Additives

- ◆ Antioxidant, Slip Agent, Anti-blocking Agent

#### Applications

- ◆ General Blown Film

### Physical Properties<sup>1</sup>

General Properties	Test Method	Nominal Values				
Melt Flow Index	ASTM D1238	1.1	g/10min			
Density	ASTM D792	0.920	g/cm <sup>3</sup>			
<b>Blown Film Properties(40<math>\mu</math>m)</b>						
Ultimate Tensile Strength	MD	ASTM D882	430	kgf/cm <sup>2</sup>	42.2	MPa
	TD		390		38.2	
Ultimate Elongation	MD	ASTM D882	740	%		
	TD		760			
Elmendorf Tear Strength	MD	ASTM D1922	6.0	g/ $\mu$ m	240	g
	TD		11.0		440	
Dart Impact Strength	ASTM D1709	170	g			
Haze	ASTM D1003	12	%			
Gloss (45°)	ASTM D2457	72	%			

\* Processing Condition :  $\Phi$ 50mm LLDPE Blown Film Extruder  
Temperature : 180°C, Die Gap 2.2mm, BUR 2.1, FLH 32cm

### Note

ISO 9001, 14001, ITS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications

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