

# HP1018BN

## Description

Outstanding dart impact strength and excellent processability

Co-monomer : 1-Hexene

Additives : Processing Aid (Non-Slip & Non-Antiblocking agent)

## Application

Food packaging and industrial lamination film

## Key Features

HP1018 Series

Properties	Method	Condition	Unit	HP1018BN
<b>Physical</b>				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	1
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.918
<b>Film Properties</b>				
Tensile Strength at Break Point, MD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	520
Tensile Strength at Break Point, TD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	450
Elongation at Break Point, MD	ASTM D882	500mm/min	%	550
Elongation at Break Point, TD	ASTM D882	500mm/min	%	640
Secant Modulus - 1% Secant, MD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	2800
Secant Modulus - 1% Secant, TD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	3100
Dart Impact Strength	ASTM D1709	Method A	g	700
Elmendorf Tear Strength, MD	ASTM D1922	500mm/min	gf/μm	280
Elmendorf Tear Strength, TD	ASTM D1922	500mm/min	gf/μm	370
Haze(25μm)	ASTM D1003	25μm	%	18
<b>Thermal</b>				
Melting Temperature	LG Method	by DSC	°C	118

## Note

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

Typical film property values are measured on 25μm film specimens(BUR 2.5, processing temperature 170°C).

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