

**TECHNICAL DATA SHEET**

# HP2018BN

LG Chem  
(PE-LLD)

**Processing**

Film extrusion

**Special Characteristics**

High impact or impact modified

**Certifications**

Food contact

**Applications**

Packaging

## Product Text

**Product Information**

Co-monomer : 1-Hexene

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	2	g/10min	ASTM D 1238
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature	117	°C	ASTM D 3418
Optical Properties	Value	Unit	Standard
Haze	18	%	ASTM D 1003
Other Properties	Value	Unit	Standard
Density	918	kg/m <sup>3</sup>	ASTM D 792
Film Properties	Value	Unit	Standard
Dart drop A	650	g	ASTM D 1709
Tensile strength at break, MD	46.1	MPa	ASTM D 882
Tensile strength at break, TD	44.1	MPa	ASTM D 882
Elongation at break, MD	600	%	ASTM D 882
Elongation at break, TD	630	%	ASTM D 882
Thickness of specimen	0.025	mm	