

TECHNICAL DATA SHEET

HP1018BI

LG Chem
(PE-LLD)

Processing

Film extrusion

Additives

Antiblocking agent

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	1	g/10min	ASTM D 1238
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature	118	°C	ASTM D 3418
Optical Properties	Value	Unit	Standard
Haze	18	%	ASTM D 1003
Other Properties	Value	Unit	Standard
Density	918	kg/m ³	ASTM D 792
Film Properties	Value	Unit	Standard
Dart drop A	700	g	ASTM D 1709
Tensile strength at break, MD	51	MPa	ASTM D 882
Tensile strength at break, TD	44.1	MPa	ASTM D 882
Elongation at break, MD	550	%	ASTM D 882
Elongation at break, TD	640	%	ASTM D 882
Thickness of specimen	0.025	mm	