

TECHNICAL DATA SHEET

HP3518CN

LG Chem
(PE-LLD)

Processing

Film extrusion

High impact or impact modified

Special Characteristics
Chemical Resistance

Oxidation resistance

Product Text

Product Information

Co-monomer : 1-Hexene

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	3.5	g/10min	ASTM D 1238
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature	114	°C	ASTM D 3418
Optical Properties	Value	Unit	Standard
Haze	3	%	ASTM D 1003
Other Properties	Value	Unit	Standard
Density	918	kg/m ³	ASTM D 792
Film Properties	Value	Unit	Standard
Dart drop A	1000	g	ASTM D 1709
Tensile strength at break, MD	42.2	MPa	ASTM D 882
Tensile strength at break, TD	45.1	MPa	ASTM D 882
Elongation at break, MD	620	%	ASTM D 882
Elongation at break, TD	670	%	ASTM D 882
Thickness of specimen	0.025	mm	