

Petrothene NA960183

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Break	14.5	MPa	ASTM D 638
Elongation at Break	990	%	ASTM D 638
Thermal properties			
ASTM Data			
Vicat Temperature	92	°C	ASTM D 1525
Other properties			
Density	920	kg/m ³	ASTM D 792
Film Properties			
ASTM Data			
Tensile Strength at Yield, MD	11	MPa	ASTM D 882
Tensile Strength at Yield, TD	11	MPa	ASTM D 882
Tensile Strength at Break, MD	36.5	MPa	ASTM D 882
Tensile Strength at Break, TD	21.4	MPa	ASTM D 882
Elongation at Yield, MD	7	%	ASTM D 882
Elongation at Yield, TD	9	%	ASTM D 882
Elongation at Break, MD	120	%	ASTM D 882
Elongation at Break, TD	620	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.666	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion, Blow Molding

Additives

Antiblocking agent

Special Characteristics

High impact or impact modified

Features

Foamable, Good Drawdown

Certifications

Food contact

Applications

Packaging

Regional Availability

North America