

Petrothene NA345013

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.8	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Thermal properties			
ASTM Data			
Vicat Temperature	100	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	70	-	ASTM D 2457
Haze	5	%	ASTM D 1003
Other properties			
Density	921	kg/m ³	ASTM D 792
Film Properties			
ASTM Data			
Tensile Strength at Yield, MD	10.3	MPa	ASTM D 882
Tensile Strength at Yield, TD	11	MPa	ASTM D 882
Tensile Strength at Break, MD	27.6	MPa	ASTM D 882
Tensile Strength at Break, TD	23.4	MPa	ASTM D 882
Elongation at Break, MD	300	%	ASTM D 882
Elongation at Break, TD	500	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Special Characteristics

High impact or impact modified

Features

Homopolymer

Applications

Packaging

Regional Availability

North America