

Petrothene NA321210X01

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Optical properties			
ASTM Data			
Gloss	70	-	ASTM D 2457
Haze	5	%	ASTM D 1003
Other properties			
Density	923	kg/m ³	ASTM D 792
Film Properties			
ASTM Data			
Tensile Strength at Yield, MD	11.2	MPa	ASTM D 882
Tensile Strength at Yield, TD	11.8	MPa	ASTM D 882
Tensile Strength at Break, MD	22	MPa	ASTM D 882
Tensile Strength at Break, TD	16.5	MPa	ASTM D 882
Elongation at Break, MD	325	%	ASTM D 882
Elongation at Break, TD	605	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0508	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Features

Homopolymer

Additives

Antiblocking agent

Applications

Packaging

Special Characteristics

High impact or impact modified

Regional Availability

North America