

**Petrothene NA443023**

(PE-LD+EVAC)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	1.2	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Vicat Temperature	88	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Gloss	77	-	ASTM D 2457
Haze	3	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	927	kg/m <sup>3</sup>	ASTM D 792

Film Properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Break, MD	27.6	MPa	ASTM D 882
Tensile Strength at Break, TD	20	MPa	ASTM D 882
Elongation at Break, MD	350	%	ASTM D 882
Elongation at Break, TD	550	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion

**Certifications**

Food contact

**Special Characteristics**

High impact or impact modified

**Applications**

Packaging

**Features**

Copolymer

**Regional Availability**

North America