

**Petrothene NA942094**

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	0.18	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	9.65	MPa	ASTM D 638
Tensile Strength at Break	17.9	MPa	ASTM D 638
Elongation at Yield	100	%	ASTM D 638
Elongation at Break	750	%	ASTM D 638
Shore D Hardness	42	-	ASTM D 2240

Other properties	Value	Unit	Test Standard
Density	918	kg/m <sup>3</sup>	ASTM D 792

Film Properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength, MD	20.7	MPa	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

**Characteristics****Processing**

Film Extrusion

**Certifications**

Food contact, Food approval FDA 21 CFR

**Additives**

Antiblocking agent

**Applications**

Packaging

**Special Characteristics**

High impact or impact modified

**Regional Availability**

North America