

**Petrothene NA967000**

(PE-LD)

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	1.5	g/10min	ASTM D 1238

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength	10.3	MPa	ASTM D 638
Elongation at Break	600	%	ASTM D 638
Shore D Hardness	51	-	ASTM D 2240

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Vicat Temperature	90	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	919	kg/m <sup>3</sup>	ASTM D 792

<b>Film Properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength, MD	24.8	MPa	ASTM D 882
Tensile Strength, TD	17.9	MPa	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

**Characteristics****Processing**

Film Extrusion, Blow Molding

**Special Characteristics**

High impact or impact modified

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

General Purpose, Packaging

**Regional Availability**

North America