

**Petrothene NA362005**

(PE-LD+EVAC)

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	<b>0.5</b>	g/10min	ASTM D 1238

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Vicat Temperature	<b>87</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>926</b>	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 at Break, MD	<b>26.2</b>	MPa	ASTM D 882
Tensile Strength at Break, TD	<b>24.8</b>	MPa	ASTM D 882
Elongation at Break, MD	<b>500</b>	%	ASTM D 882
Elongation at Break, TD	<b>600</b>	%	ASTM D 882
Type of extrusion	<b>blown</b>	-	-
Thickness of specimen	<b>0.0508</b>	mm	-

**Characteristics****Processing**

Film Extrusion

**Special Characteristics**

High impact or impact modified

**Features**

Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Packaging

**Regional Availability**

North America