

**Petrothene NA204000**

(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	<b>7</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>10.3</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>11</b>	MPa	ASTM D 638
Elongation at Yield	<b>17</b>	%	ASTM D 638
Elongation at Break	<b>550</b>	%	ASTM D 638
Shore D Hardness	<b>50</b>	-	ASTM D 2240

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melting Temperature	<b>329</b>	°C	ASTM D 3418
Vicat Temperature	<b>84</b>	°C	ASTM D 1525

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

**Characteristics****Processing**

Injection Molding, Coating

**Features**

Good Adhesion, Heat Sealable, Low Neck-In

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

North America