

**Petrothene GA601033**

(PE-LLD)

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>1</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Vicat Temperature	<b>105</b>	°C	ASTM D 1525

<b>Optical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Gloss	<b>35</b>	-	ASTM D 2457
Haze	<b>22</b>	%	ASTM D 1003

<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

<b>Film Properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Break, MD	<b>55.8</b>	MPa	ASTM D 882
Tensile Strength at Break, TD	<b>42.1</b>	MPa	ASTM D 882
Elongation at Break, MD	<b>580</b>	%	ASTM D 882
Elongation at Break, TD	<b>700</b>	%	ASTM D 882
Thickness of specimen	<b>0.025</b>	mm	-

**Characteristics****Processing**

Film Extrusion

**Delivery form**

Pellets

**Additives**

Antiblocking agent

**Features**

Good Drawdown, Heat Sealable

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Packaging

**Regional Availability**

North America