

**Petrothene GA502022**

(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	2	g/10min	ASTM D 1238

<b>Optical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Gloss	60	-	ASTM D 2457
Haze	12	%	ASTM D 1003

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	918	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	33.8	MPa	ASTM D 882
Tensile Strength at Break, TD	24.8	MPa	ASTM D 882
Elongation at Break, MD	750	%	ASTM D 882
Elongation at Break, TD	800	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.038	mm	-

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion

**Delivery form**

Pellets

**Additives**

Antiblocking agent

**Features**

Good Drawdown

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

North America