

**Petrothene GA501021**

(PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Vicat Temperature	107	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Gloss	40	-	ASTM D 2457
Haze	20	%	ASTM D 1003

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

Film Properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Break, MD	45.5	MPa	ASTM D 882
Tensile Strength at Break, TD	32.4	MPa	ASTM D 882
Elongation at Break, MD	580	%	ASTM D 882
Elongation at Break, TD	725	%	ASTM D 882
Thickness of specimen	0.025	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