

**Petrothene GA1810T**

(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	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Vicat Temperature	105	°C	ASTM D 1525
<b>Optical properties</b>			
<b>ASTM Data</b>			
Gloss	45	-	ASTM D 2457
Haze	17	%	ASTM D 1003
<b>Other properties</b>			
Density	923	kg/m <sup>3</sup>	ASTM D 792
<b>Film Properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Break, MD	52	MPa	ASTM D 882
Tensile Strength at Break, TD	45	MPa	ASTM D 882
Elongation at Break, MD	620	%	ASTM D 882
Elongation at Break, TD	700	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0254	mm	-
<b>Processing Recommendation Extrusion</b>			
Melt temperature	200 - 230	°C	-

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion, Profile Extrusion, Sheet Extrusion

**Delivery form**

Pellets

**Additives**

Antiblocking agent

**Features**

Heat Sealable

**Certifications**

Food contact

**Applications**

Packaging, Refrigeration

**Regional Availability**

North America, Asia Pacific, South and Central America