

Petrothene GA1810

(PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Thermal properties			
ASTM Data			
Vicat Temperature	105	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	60	-	ASTM D 2457
Haze	9	%	ASTM D 1003
Other properties			
Density	918	kg/m ³	ASTM D 792
Film Properties			
ASTM Data			
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	-
Processing Recommendation Extrusion			
Melt temperature	200 - 230	°C	-

Characteristics**Processing**

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

Delivery form

Pellets

Features

Heat Sealable

Certifications

Food contact

Applications

Packaging, Refrigeration

Regional Availability

North America, Asia Pacific, South and Central America