

Petrothene GA1810 (PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	1	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Density, 73°F	918	kg/m³	ASTM D 792
Thermal Properties			
ASTM Data			
Vicat Temperature	105	°C	ASTM D 1525
Film Properties			
ASTM Data			
Elongation at Yield, TD	52	MPa	ASTM D 882
Elongation at Break, MD	45	MPa	ASTM D 882
Thickness of specimen	620	%	ASTM D 882
Elongation at Break, TD	700	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0254	mm	-
Optical Properties			
ASTM Data			
Gloss	60	-	ASTM D 2457
Haze	9	%	ASTM D 1003
Processing Recommendation Extrusion			
Melt temperature	200 - 230	°C	-

Characteristics

Processing

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

Delivery form

Pellets

Features

Heat Sealable

Certifications

Food approval

Applications

Packaging, Refrigeration