

Petrothene GA1820

(PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	40	-	ASTM D 2457
Haze	15	%	ASTM D 1003

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

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break, MD	56	MPa	ASTM D 882
Tensile Strength at Break, TD	45	MPa	ASTM D 882
Elongation at Break, MD	750	%	ASTM D 882
Elongation at Break, TD	900	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0254	mm	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	235	°C	-

Characteristics**Processing**

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

Delivery form

Pellets

Features

Heat Sealable

Applications

Packaging

Regional Availability

North America, Europe, Asia Pacific, South and Central America