

Petrothene GA1832

(PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3.2	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	75	-	ASTM D 2457
Haze	1.4	%	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	39	MPa	ASTM D 882
Tensile Strength at Break, TD	23	MPa	ASTM D 882
Elongation at Break, MD	481	%	ASTM D 882
Elongation at Break, TD	735	%	ASTM D 882
Type of extrusion	cast	-	-
Thickness of specimen	0.0203	mm	-

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

Characteristics**Processing**

Film Extrusion, Profile Extrusion, Sheet Extrusion

Delivery form

Pellets

Applications

Packaging

Regional Availability

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