

Petrothene GA1832 (PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	3.2	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Density, 73°F	918	kg/m³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Elongation at Yield, TD	39	MPa	ASTM D 882
Elongation at Break, MD	23	MPa	ASTM D 882
Thickness of specimen	481	%	ASTM D 882
Elongation at Break, TD	735	%	ASTM D 882
Type of extrusion	cast	-	-
Thickness of specimen	0.0203	mm	-

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	75	-	ASTM D 2457
Haze	1.4	%	ASTM D 1003

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

Characteristics

Processing

Film Extrusion, Profile Extrusion, Sheet Extrusion

Applications

Packaging

Delivery form

Pellets