

Petrothene GA1820 (PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	2	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Density, 73°F	918	kg/m ³	ASTM D 792

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

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

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

Characteristics

Processing

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

Delivery form

Pellets

Features

Heat Sealable

Applications

Packaging

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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