

Petrothene GA1810T (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	923	kg/m ³	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	45	-	ASTM D 2457
Haze	17	%	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

Additives

Antiblocking agent

Features

Heat Sealable

Certifications

Food approval

Applications

Packaging, Refrigeration

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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