

Petrothene GA501020

(PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	107	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	40	-	ASTM D 2457
Haze	20	%	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	45.5	MPa	ASTM D 882
Tensile Strength at Break, TD	32.4	MPa	ASTM D 882
Elongation at Break, MD	580	%	ASTM D 882
Elongation at Break, TD	725	%	ASTM D 882
Thickness of specimen	0.025	mm	-

Characteristics**Processing**

Film Extrusion

Delivery form

Pellets

Features

Good Drawdown, Heat Sealable

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

North America