

Petrothene LP510300

(PE-HD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.33	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Other properties	Value	Unit	Test Standard
Density	949	kg/m ³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield, MD	24.8	MPa	ASTM D 882
Tensile Strength at Yield, TD	28.3	MPa	ASTM D 882
Tensile Strength at Break, MD	43.4	MPa	ASTM D 882
Tensile Strength at Break, TD	31	MPa	ASTM D 882
Elongation at Break, MD	500	%	ASTM D 882
Elongation at Break, TD	670	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.051	mm	-

Characteristics**Processing**

Blown Film Extrusion

Features

Good Drawdown, Copolymer

Certifications

Food contact

Applications

General Purpose, Packaging

Regional Availability

North America