

Petrothene LT543501

(PE-HD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.35	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	28.3	MPa	ASTM D 638
Tensile Strength at Break	19.7	MPa	ASTM D 638
Elongation at Break	1100	%	ASTM D 638
Shore D Hardness	69	-	ASTM D 2240
Thermal properties			
ASTM Data			
DTUL @ 66 psi	68	°C	ASTM D 648
Vicat Temperature	126	°C	ASTM D 1525
Other properties			
Density	954	kg/m ³	ASTM D 792

Characteristics**Processing**

Blow Molding

Applications

Packaging

Certifications

Food contact

Regional Availability

North America