

Petrothene LT570401

(PE-HD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	21	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	21.6	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	26.2	MPa	ASTM D 638
Elongation at Break	600	%	ASTM D 638
Shore D Hardness	67	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	74	°C	ASTM D 648
Vicat Temperature	126	°C	ASTM D 1525

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

Characteristics**Processing**

Blow Molding

Applications

Packaging

Chemical Resistance

Environmental Stress Crack Resistance

Regional Availability

North America