

Petrothene LB500301

(PE-HD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.3	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	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	65	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	72	°C	ASTM D 648
Vicat Temperature	122	°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