

Petrothene LR734001

(PE-HD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.38	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	27.6	MPa	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Shore D Hardness	67	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	75	°C	ASTM D 648
Vicat Temperature	127	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	953	kg/m ³	ASTM D 792

Characteristics**Processing**

Blow Molding

Chemical Resistance

Environmental Stress Crack Resistance

Certifications

Food contact

Applications

Packaging

Regional Availability

North America