

Petrothene NA345009

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.8	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	12	MPa	ASTM D 638
Tensile Strength at Break	12	MPa	ASTM D 638
Elongation at Yield	14	%	ASTM D 638
Elongation at Break	600	%	ASTM D 638
Shore D Hardness	56	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	46	°C	ASTM D 648
Vicat Temperature	96	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	921	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Blow Molding

Applications

Packaging

Features

Homopolymer

Regional Availability

North America