

Petrothene NA324009

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	15.2	MPa	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Shore D Hardness	59	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	53	°C	ASTM D 648
Vicat Temperature	105	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	931	kg/m ³	ASTM D 792

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion, Blow Molding

Applications

Packaging, Sports Equipment

Features

Homopolymer

Regional Availability

North America