

Petrothene NA217000X01

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5.6	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	13	MPa	ASTM D 638
Tensile Strength at Break	12.4	MPa	ASTM D 638
Elongation at Yield	13	%	ASTM D 638
Elongation at Break	550	%	ASTM D 638
Shore D Hardness	53	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	329	°C	ASTM D 3418
Vicat Temperature	92	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	923	kg/m ³	ASTM D 792

Characteristics**Processing**

Coating

Applications

Packaging

Certifications

Food contact

Regional Availability

North America