

Petrothene NA205000

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	16	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	9.65	MPa	ASTM D 638
Tensile Strength at Break	10.3	MPa	ASTM D 638
Elongation at Yield	16	%	ASTM D 638
Elongation at Break	640	%	ASTM D 638
Shore D Hardness	56	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	329	°C	ASTM D 3418
Vicat Temperature	85	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	918	kg/m ³	ASTM D 792

Characteristics**Processing**

Coating

Applications

Packaging

Features

Good Drawdown, Low Neck-In

Regional Availability

North America

Certifications

Food contact