

Petrothene NA942000

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.18	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	9.65	MPa	ASTM D 638
Tensile Strength at Break	17.9	MPa	ASTM D 638
Elongation at Yield	100	%	ASTM D 638
Elongation at Break	750	%	ASTM D 638
Shore D Hardness	42	-	ASTM D 2240

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

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength, MD	20.7	MPa	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

Characteristics**Processing**

Film Extrusion

Applications

Packaging

Special Characteristics

High impact or impact modified

Regional Availability

North America

Certifications

Food contact, Food approval FDA 21 CFR