

Petrothene NA963083

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.7	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	10.7	MPa	ASTM D 638
Tensile Strength at Break	11.4	MPa	ASTM D 638
Elongation at Yield	100	%	ASTM D 638
Elongation at Break	700	%	ASTM D 638
Shore D Hardness	46	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	90	°C	ASTM D 1525

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

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength, MD	23.4	MPa	ASTM D 882
Tensile Strength, TD	16.5	MPa	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

Characteristics**Processing**

Film Extrusion

Additives

Antiblocking agent

Special Characteristics

High impact or impact modified

Features

Good Drawdown

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America