

Petrothene NA951000

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2.2	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	13.6	MPa	ASTM D 638
Elongation at Break	600	%	ASTM D 638

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

Other properties	Value	Unit	Test Standard
Density	920	kg/m ³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break, MD	24.8	MPa	ASTM D 882
Tensile Strength at Break, TD	17.2	MPa	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

Characteristics**Processing**

Film Extrusion

Features

Good Drawdown, Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

North America