

Petrothene NA952000

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	12.4	MPa	ASTM D 638
Tensile Strength at Yield	10	MPa	ASTM D 638
Tensile Strength at Break	10.8	MPa	ASTM D 638
Elongation at Break	650	%	ASTM D 638
Shore D Hardness	49	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	87	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	919	kg/m ³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength, MD	22.1	MPa	ASTM D 882
Tensile Strength, TD	15.9	MPa	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

Characteristics**Processing**

Injection Molding, Blow Molding

Regional Availability

North America

Certifications

Food contact, Food approval FDA 21 CFR