

Petrothene NA143

(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	11.9	MPa	ASTM D 638
Elongation at Break	650	%	ASTM D 638

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	93	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	70	-	ASTM D 2457
Haze	6	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	922	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	17.2	MPa	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.318	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Additives

Antiblocking agent

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America