

Petrothene NA442051

(PE-LD+EVAC)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.5	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Thermal properties			
ASTM Data			
Vicat Temperature	88	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	75	-	ASTM D 2457
Haze	4	%	ASTM D 1003
Film Properties			
ASTM Data			
Tensile Strength at Break, MD	24.8	MPa	ASTM D 882
Tensile Strength at Break, TD	19.3	MPa	ASTM D 882
Elongation at Break, MD	320	%	ASTM D 882
Elongation at Break, TD	550	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Additives

Antiblocking agent

Special Characteristics

High impact or impact modified

Features

Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

North America