

Petrothene NA272013X02

(PE-MD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.6	g/10min	ASTM D 1238

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	58	-	ASTM D 2457
Haze	9	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	930	kg/m ³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield, MD	14.5	MPa	ASTM D 882
Tensile Strength at Yield, TD	15.9	MPa	ASTM D 882
Tensile Strength at Break, MD	28.3	MPa	ASTM D 882
Tensile Strength at Break, TD	18.6	MPa	ASTM D 882
Elongation at Break, MD	350	%	ASTM D 882
Elongation at Break, TD	640	%	ASTM D 882
Thickness of specimen	0.0457	mm	-

Characteristics**Features**

Homopolymer

Applications

Packaging

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America