

Petrothene NA305212

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.8	g/10min	ASTM D 1238

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	65	-	ASTM D 2457
Haze	7	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	924	kg/m ³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield, MD	10.3	MPa	ASTM D 882
Tensile Strength at Yield, TD	11.7	MPa	ASTM D 882
Tensile Strength at Break, MD	26.2	MPa	ASTM D 882
Tensile Strength at Break, TD	20.7	MPa	ASTM D 882
Elongation at Break, MD	210	%	ASTM D 882
Elongation at Break, TD	570	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0508	mm	-

Characteristics**Processing**

Film Extrusion

Additives

Antiblocking agent

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

North America