

**Petrothene NA940085**

(PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	0.25	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Break	14.5	MPa	ASTM D 638
Elongation at Break	600	%	ASTM D 638
Flexural Modulus	234.4	MPa	ASTM D 790
Shore D Hardness	50	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	42	°C	ASTM D 648
Vicat Temperature	90	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	918	kg/m <sup>3</sup>	ASTM D 792

Film Properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength, MD	20.7	MPa	ASTM D 882
Tensile Strength, TD	19.3	MPa	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0318	mm	-

**Characteristics****Processing**

Film Extrusion

**Additives**

Antiblocking agent

**Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

North America