

**Petrothene L3035**

(PE-LD)

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>0.4</b>	g/10min	ASTM D 1238

<b>Optical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Gloss	<b>70</b>	-	ASTM D 2457
Haze	<b>7</b>	%	ASTM D 1003

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>929</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Film Properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield, MD	<b>14.5</b>	MPa	ASTM D 882
Tensile Strength at Yield, TD	<b>15.2</b>	MPa	ASTM D 882
Tensile Strength at Break, MD	<b>32.4</b>	MPa	ASTM D 882
Tensile Strength at Break, TD	<b>28.3</b>	MPa	ASTM D 882
Elongation at Break, MD	<b>470</b>	%	ASTM D 882
Elongation at Break, TD	<b>550</b>	%	ASTM D 882

**Characteristics****Processing**

Film Extrusion

**Applications**

Packaging

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

North America