

**Petrothene LT493501**

(PE-HD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>0.34</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>24.1</b>	MPa	ASTM D 638
Elongation at Break	<b>600</b>	%	ASTM D 638
Shore D Hardness	<b>60</b>	-	ASTM D 2240
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>61</b>	°C	ASTM D 648
Vicat Temperature	<b>126</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>948</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Pipe/Tube Extrusion, Profile Extrusion, Sheet Extrusion, Blow Molding

**Delivery form**

Natural Color

**Features**

Copolymer

**Chemical Resistance**

Environmental Stress Crack Resistance

**Applications**

Building Construction, Electrical and Electronical, Packaging

**Regional Availability**

North America