

**Petrothene GA643962**

(PE-LLD)

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>3.6</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>20</b>	MPa	ASTM D 638

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>58</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>40</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>939</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Rotational Molding

**Applications**

Packaging, Sports Equipment

**Special Characteristics**

U.V. stabilized or stable to weather

**Regional Availability**

North America