

**L12N-00**

PP

INEOS Olefins &amp; Polymers

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>12</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>25.8</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>18.1</b>	MPa	ASTM D 638
Elongation at Yield	<b>6</b>	%	ASTM D 638
Elongation at Break	<b>117</b>	%	ASTM D 638
Rockwell Hardness	<b>R 88</b>	-	ASTM D 785
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>102</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>53</b>	°C	ASTM D 648
Vicat Temperature	<b>148</b>	°C	ASTM D 1525
<b>Optical properties</b>			
<b>ASTM Data</b>			
Gloss	<b>74</b>	-	ASTM D 2457
<b>Other properties</b>			
Density	<b>903</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Features**

Ductile, High Gloss, Nucleated, Copolymer, Impact Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Automotive

**Regional Availability**

North America