

**Isoplast® 202 LGF40 ETP**

TPU

Lubrizol Advanced Materials Spain S.L.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.002</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>12000</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>186</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>186</b>	MPa	ASTM D 638
Elongation at Yield	<b>1.8</b>	%	ASTM D 638
Elongation at Break	<b>1.8</b>	%	ASTM D 638
Flexural Modulus	<b>10000</b>	MPa	ASTM D 790
Flexural Strength	<b>338</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>267</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	<b>7</b>	E-6/K	ASTM D 696
DTUL @ 66 psi	<b>166</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>144</b>	°C	ASTM D 648
Glass Transition Temperature	<b>138</b>	°C	ASTM E 1356

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1500</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Regional Availability**

North America, Europe, Asia Pacific