

**HILOY 412**

PBT-GF

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.008</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 Strength at Break	<b>84.1</b>	MPa	ASTM D 638
Flexural Strength	<b>142</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>53.4</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>200</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>192</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1390</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Regional Availability**

North America