

**Fiberfil® M-2450**

PP

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>0.01</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	<b>26.2</b>	MPa	ASTM D 638
Elongation at Yield	<b>77</b>	%	ASTM D 638
Flexural Modulus	<b>1450</b>	MPa	ASTM D 790
Flexural Strength	<b>40</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>25</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>95</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>57.2</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.02</b>	%	ASTM D 570
Density	<b>1060</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt temperature	<b>199 - 232</b>	°C	-
Mold temperature	<b>38 - 71</b>	°C	-
Zone 1	<b>199 - 210</b>	°C	-
Zone 2	<b>204 - 227</b>	°C	-
Zone 3	<b>182 - 199</b>	°C	-
Nozzle temperature	<b>182 - 193</b>	°C	-
Back pressure	<b>0.345</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Delivery form**

Pellets

**Regional Availability**

North America