

**Matrixx 80M7451**

PET-(GF+MX)45

LyondellBasell Industries

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>145</b>	MPa	ASTM D 638
Flexural Modulus	<b>11700</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>53</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
DTUL @ 66 psi	<b>235</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>210</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1700</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Regional Availability**

North America