

**Matrixx 75S5251**

PA66-GF25

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>0.002</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>134</b>	MPa	ASTM D 638
Flexural Modulus	<b>8960</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>69</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Burning behav. 5V at thickness h	<b>5VA</b>	class	IEC 60695-11-20
Thickness tested	<b>2.5</b>	mm	-
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-1</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
DTUL @ 66 psi	<b>254</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>243</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1550</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Regional Availability**

North America

**Special Characteristics**

Flame retardant