

**Diamond ABS 3501 GF-10**

ABS-GX10

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>3.5</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>3.8</b>	kg	-
Mold Shrinkage, MD	<b>0.003</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>57.9</b>	MPa	ASTM D 638
Flexural Modulus	<b>3220</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 113</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>90.7</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>93.9</b>	°C	ASTM D 648
Vicat Temperature	<b>111</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>1110</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Regional Availability**

North America