

**Epitec® Nylon-273G**

PA66-GF33

Osterman's Engineered Polymers Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.004</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>138</b>	MPa	ASTM D 638
Elongation at Break	<b>3</b>	%	ASTM D 638
Flexural Modulus	<b>9308</b>	MPa	ASTM D 790
Flexural Strength	<b>262</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 120</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>133</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>0.762</b>	mm	-
DTUL @ 264 psi	<b>249</b>	°C	ASTM D 648
Melting Temperature	<b>260</b>	°C	ASTM D 3418
<b>Other properties</b>			
Density	<b>1350</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Natural Color

**Regional Availability**

North America