

**BIOMID 66 GF30**

PA66-GF30

Qualchem Zrt.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0045</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Elongation at Break	<b>3.2</b>	%	ASTM D 638
Flexural Modulus	<b>7750</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 116</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>85</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 @ 264 psi	<b>235</b>	°C	ASTM D 648
Melting Temperature	<b>258</b>	°C	ASTM D 3418

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.8</b>	%	ASTM D 570
Density	<b>1340</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Regional Availability**

Europe