

**Omnix® FC-9050 NT 000**

PAMXD6-GF50

Syensqo

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>17000</b>	MPa	ISO 527
Yield stress	<b>235</b>	MPa	ISO 527
Strain at break	<b>2.1</b>	%	ISO 527
Flexural modulus, 23°C	<b>15000</b>	MPa	ISO 178
Izod impact strength, +23°C	<b>75</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>13</b>	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>248</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
<b>ASTM Data</b>			
Melting Temperature	<b>260</b>	°C	ASTM D 3418

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1600</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>4 - 12</b>	h	-
Melt temperature	<b>275 - 290</b>	°C	-
Mold temperature	<b>80 - 120</b>	°C	-
Zone 1	<b>250</b>	°C	-
Zone 2	<b>285</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Special Characteristics**

High impact or impact modified

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa