

**Eco Meytel I6 F50 BK**

PA6-GF50

Mepol S.r.l.

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	15000 / 12000	MPa	ISO 527
Stress at break	210 / 180	MPa	ISO 527
Strain at break	2 / 4	%	ISO 527
Flexural modulus, 23°C	13000 / 8500	MPa	ISO 178
Izod notched impact strength, +23°C	13 / 18	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength Temperature	11 / - 0	kJ/m <sup>2</sup> °C	ISO 180/1A -
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	212 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	214 / *	°C	ISO 306
<b>Other properties</b>			
Water absorption	4.5 / *	%	Sim. to ISO 62
Density	1550 / -	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Black

**Applications**

General Purpose

**Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

Europe

**Certifications**

Recycled Resin Content