

**Meytel E6 F40**

PA6-GF40

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	12500 / 8700	MPa	ISO 527
Stress at break	200 / 130	MPa	ISO 527
Strain at break	2.7 / 4.5	%	ISO 527
Flexural modulus, 23°C	11000 / 7900	MPa	ISO 178
Izod notched impact strength, +23°C	17 / 22	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength Temperature	14.5 / - 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	215 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	216 / *	°C	ISO 306
<b>Other properties</b>			
Water absorption	5.4 / *	%	Sim. to ISO 62
Density	1460 / -	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Additives**

Lubricants

**Special Characteristics**

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Features**

Nucleated

**Applications**

General Purpose

**Regional Availability**

Europe