

Meytel E6 F50

PA6-GF50

Mepol S.r.l.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	16000 / 11000	MPa	ISO 527
Stress at break	220 / 160	MPa	ISO 527
Strain at break	2.6 / 3.5	%	ISO 527
Flexural modulus, 23°C	15000 / 9000	MPa	ISO 178
Izod notched impact strength, +23°C	19 / 23	kJ/m ²	ISO 180/1A
Izod notched impact strength	16 / -	kJ/m ²	ISO 180/1A
Temperature	0	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	218 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	218 / *	°C	ISO 306
Other properties			
ISO Data			
Water absorption	5.1 / *	%	Sim. to ISO 62
Density	1550 / -	kg/m ³	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