

Meyloy 6H 31 F30

(PA6+PP)-GF30

Mepol S.r.l.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9100 / 6500	MPa	ISO 527
Stress at break	140 / 120	MPa	ISO 527
Strain at break	4 / -	%	ISO 527
Flexural modulus, 23°C	6600 / 4800	MPa	ISO 178
Izod notched impact strength, +23°C	8 / 11	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	162 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	193 / *	°C	ISO 75-1/-2
Vicat softening temperature, A	169 / *	°C	ISO 306
Vicat softening temperature, B	210 / *	°C	ISO 306
Other properties			
ISO Data			
Water absorption	1 / *	%	Sim. to ISO 62
Density	1270 / -	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Europe