

Meyloy 05 YC
(PA*+ABS)

Mepol S.r.l.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.8 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2000 / 1500	MPa	ISO 527
Yield stress	45 / 35	MPa	ISO 527
Strain at break	4 / -	%	ISO 527
Flexural modulus, 23°C	2200 / 1800	MPa	ISO 178
Izod notched impact strength, +23°C	50 / 60	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	10 / 12 0	kJ/m ² °C	ISO 180/1A -
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	60 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	80 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	100 / *	°C	ISO 306
Other properties			
Water absorption	0.4 / *	%	Sim. to ISO 62
Density	1070 / -	kg/m ³	ISO 1183

Characteristics**Chemical Resistance**

General Chemical Resistance

Regional Availability

Europe