

Meplen EH M05 V0F

PP

Mepol S.r.l.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	25	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Izod notched impact strength, +23°C	3.5	kJ/m ²	ISO 180/1A
Izod notched impact strength	2.5	kJ/m ²	ISO 180/1A
Temperature	0	°C	-
Shore D hardness	75	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	70	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	125	°C	ISO 75-1/-2
Vicat softening temperature, A	150	°C	ISO 306
Vicat softening temperature, B	95	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1060	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Anti-static, Flame retardant, Halogen-free, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

Europe

Features

Homopolymer