

Eco Meplen IH T40

PP-T40

Mepol S.r.l.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.9	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3400	MPa	ISO 527
Yield stress	26	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	3300	MPa	ISO 178
Izod notched impact strength, +23°C	2.5	kJ/m ²	ISO 180/1A
Shore D hardness	76	-	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	75	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	130	°C	ISO 75-1/-2
Vicat softening temperature, A	150	°C	ISO 306
Vicat softening temperature, B	105	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Anti-static, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Homopolymer

Certifications

Recycled Resin Content

Regional Availability

Europe