

Meblend ES 45

(PC+ABS)

Mepol S.r.l.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	45	MPa	ISO 527
Strain at break	40	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Izod notched impact strength, +23°C	45	kJ/m ²	ISO 180/1A
Izod notched impact strength	35	kJ/m ²	ISO 180/1A
Temperature	0	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, A	120	°C	ISO 306
Vicat softening temperature, B	114	°C	ISO 306
Other properties			
Water absorption	0.6	%	Sim. to ISO 62
Density	1120	kg/m ³	ISO 1183

Characteristics**Applications**

General Purpose

Regional Availability

Europe