

**Eco Meblend IT45 BK**

(PC+ABS)

Mepol S.r.l.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
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	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	42	MPa	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Izod notched impact strength, +23°C	30	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	20	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	0	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
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	Value	Unit	Test Standard
Water absorption	0.6	%	Sim. to ISO 62
Density	1120	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Black

**Applications**

General Purpose

**Certifications**

Recycled Resin Content

**Regional Availability**

Europe