

Tecnoblend B52

(ABS+PA*)

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133
Temperature	240	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Yield strain	4.3	%	ISO 527
Stress at break	43	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1850	MPa	ISO 178
Charpy impact strength, -30°C	14	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	62	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A
ASTM Data			
Izod Impact notched, 1/8 in	700	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	650	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	70	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	165	°C	ISO 306
Vicat softening temperature, B	103	°C	ISO 306
Coeff. of linear therm. expansion, parallel	90	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
Value			
Water absorption	1.4	%	Sim. to ISO 62
Density	1070	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

High impact or impact modified, U.V. stabilized or stable to weather

Chemical Resistance

General Chemical Resistance

Applications

Automotive

Regional Availability

Europe