

Taroblend 45

(PC+ABS)

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	17	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2000	MPa	ISO 527
Yield stress	46	MPa	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2150	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	40	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	450	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, A	127	°C	ISO 306
Vicat softening temperature, B	120	°C	ISO 306
Coeff. of linear therm. expansion, parallel	65	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Limiting Oxygen Index	22	%	ASTM D 2863
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	24	kV/mm	IEC 60243-1
Comparative tracking index	550	-	IEC 60112
Other properties			
Water absorption	0.6	%	Sim. to ISO 62
Density	1120	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather

Features

Low Odor, Thermal Stability

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe