

Taroblend 50 X0

(PC+ABS)

Taro Plast S.p.A.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2600	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2450	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact unnotched, 1/8 in	350	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	116	°C	ISO 306
Coeff. of linear therm. expansion, parallel	70	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.7	mm	-
Limiting Oxygen Index	32	%	ASTM D 2863

Other properties	Value	Unit	Test Standard
Water absorption	0.65	%	Sim. to ISO 62
Density	1180	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant, U.V. stabilized or stable to weather

Features

Low Odor

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe