

BESTPOLUX PCTM-1 (PC/PET)

(PC+PET)

Grupo Triesa

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Tensile Strength	59	MPa	ISO 527
Strain at break	>50	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	60	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	110	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	132	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Electric strength	35	kV/mm	IEC 60243-1
Other properties			
Water absorption	0.2	%	Sim. to ISO 62
Density	1210	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Natural Color

Additives

Lubricants

Special Characteristics

High impact or impact modified

Applications

General Purpose

Regional Availability

Europe