

BESTPOLUX PCAX /02

(PC+ABS)

Grupo Triesa

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Tensile Strength	55	MPa	ISO 527
Strain at break	35	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	30	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Electric strength	35	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Water absorption	0.6	%	Sim. to ISO 62
Density	1210	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Pellets, Black

Regional Availability

Europe