


Mablex[®] Eco GF 10 IQ
 PC/ABS Blend
 Recycled Quality Compound



Description:

PC/ABS blend 10% glass fiber filled, injection molding grade, recycled quality ISO 14021:2016 compliant, only available in black color.

General

Density	ISO 1183	1,20	g/cm ³
MFI (260°C/5kg)	ISO 1133	30	g/10min
Mold shrinkage (Parallel)		0,3-0,5	%
Mold shrinkage (Perpendicular)		0,4-0,6	%

Thermal

HDT/A (1,82MPa)	ISO 75A	120	°C
Vicat softening point (B50 (50N))	ISO 306	129	°C
Ball pressure test (125°C)	IEC 60695-10-2	pass	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	10	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	65	MPa
Tensile strength at break (23 °C)	ISO 527	60	MPa
Elongation at break (23 °C)	ISO 527	4	%
Flexural modulus (23 °C)	ISO 178	3900	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB	
Flammability (3,2mm)	UL94 (tested internally)	HB	
Burning rate (FMVSS 302)	ISO 3795	35	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Surface resistivity	IEC 60093	1E14	Ohm
Volume resistivity	IEC 60093	1E14	Ohm.cm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	33	kV/mm
CTI	IEC 60112	175	V

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. Ravago Recycled Quality are ISO 14021:2016 compliant. Even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application

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