


Mablex[®] Eco GF 20 IQ
 PC/ABS Blend
 Recycled Quality Compound



Description:

PC/ABS blend 20% glass fiber filled, injection molding grade, recycled quality ISO 14021:2016 compliant, only available in black color.

General

Density	ISO 1183	1,23	g/cm ³
MFI (260°C/5kg)	ISO 1133	25	g/10min
Mold shrinkage (Parallel)		0,2-0,4	%
Mold shrinkage (Perpendicular)		0,3-0,5	%

Thermal

HDT/A (1,82MPa)	ISO 75A	120	°C
Vicat softening point (B50 (50N))	ISO 306	126	°C
Ball pressure test (125°C)	IEC 60695-10-2	pass	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	8,5	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	90	MPa
Tensile strength at break (23 °C)	ISO 527	88	MPa
Elongation at break (23 °C)	ISO 527	3	%
Tensile modulus (23 °C)	ISO 527	6000	MPa
Flexural modulus (23 °C)	ISO 178	4800	MPa
Flexural strength (+23°C)	ISO 178	136	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB	
Flammability (3,2mm)	UL94 (tested internally)	HB	
Burning rate (FMVSS 302)	ISO 3795	<100	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

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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