

	Sicoklar [®] Eco UG25	
Polycarbonate		
Recycled Quality Compound		

Description:

PC, high flowability, recycled quality ISO 14021:2016 compliant.

General

MFI (300°C/1,2kg)	ISO 1133	25	g/10min
Density	ISO 1183	1.20	g/cm ³

Thermal

HDT/A (1,82MPa)	ISO 75A	130	°C
Vicat softening point (B50 (50N))	ISO 306	140	°C
Vicat softening point (A50(10N))	ISO 306	145	°C
Ball pressure test (125°C)	IEC 60695-10-2	Pass	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	40	kJ/m ²
Izod notched impact strength (-30 °C)	ISO 180	10	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	50	MPa
Tensile strength at break (23 °C)	ISO 527	40	MPa
Elongation at break (23 °C)	ISO 527	30	%
Flexural modulus (23 °C)	ISO 178	2400	MPa

Flammability

Glow wire flammability index (2,0 mm)	IEC 60695-2-12	850	°C
Flammability (1,0 mm)	UL94	V2	

Various

Linear Mould Shrinkage	internal method	0.5-0.7	%
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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

Ravago Group Headquarters