



# Sicoklar® Eco UG25

## Ravago Manufacturing Europe - Polycarbonate

### General Information

#### Product Description

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

#### General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Recycled Content	• Yes	
Features	• High Flow	
Agency Ratings	• ISO 14021 :2016	

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	25	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	50.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	40.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	30	%	ISO 527-2
Flexural Modulus (23°C)	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	10	kJ/m <sup>2</sup>	
23°C	40	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	130	°C	ISO 75-2/A
Vicat Softening Temperature			
--	140	°C	ISO 306/B50
--	145	°C	ISO 306/A50
Ball Pressure Test (125°C)	Pass		IEC 60695-10-2
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.0 mm)	V-2		UL 94
Glow Wire Flammability Index (2.0 mm)	850	°C	IEC 60695-2-12

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.