

Sicoklar[®] UG20

Polycarbonate
Industrial Quality Compound

Description:

PC, high flow

General

MFI (300°C/1,2kg)	ISO 1133	20	g/10min
Density	ISO 1183	1.20	g/cm ³
Linear mould shrinkage	ISO 2577	0.5-0.7	%

Thermal

HDT/A (1,82MPa)	ISO 75A	135	°C
Vicat softening point (B50 (50°C/h, 50N))	ISO 306	140	°C
Vicat softening point (A50(50°C/h, 10N))	ISO 306	145	°C
Ball pressure test (125°C)	IEC 335	Pass	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180/A	45	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180/A	10	kJ/m ²
Tensile stress at yield	ISO 527	50	MPa
Tensile stress at break	ISO 527	40	MPa
Elongation at break	ISO 527	50	%
Flex modulus	ISO 178	2400	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	V2	
Flammability (0,75mm)	UL94	V2	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	850	°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 industrial quality compounds are totally or partially produced with non-prime quality ingredients. 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

Moerenstraat 85A
B - 2370 Arendonk

Tel: +32 (0)14 67 25 11
Fax: +32 (0)14 67 20 12

www.ravago.com
manufacturing@ravago.com

Issue Date:
Jun 2010