Rotec® PC 7015

Polycarbonate

ROMIRA GmbH

Message:

Rotec® PC 7015 is a Polycarbonate (PC) material. It is available in Europe for injection molding. Primary attribute of Rotec® PC 7015: Flame Rated.

General Information			
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.20	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	15	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.70	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	2400	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	62.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	> 100	%	ISO 527-2/50
Flexural Modulus [1] (23°C)	2300	MPa	ISO 178
Flexural Stress [2] (23°C)	92.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	12	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	124	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/B50
CLTE - Flow (23 to 55°C)	7.0E-5	cm/cm/°C	ISO 11359-2
Flammability	**Nominal Value**		**Test Method**
Flame Rating (1.50 mm)	V-2		UL 94
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China