

CELANYL[®] A3 GB50 BK 9005/A

CELANYL®

Designed for any technical application requiring high dimensional stability, low warpage, and good surface quality. Improved processability.

Product information

· · · ·	B50<	ISO 1043 ISO 11469 IEC 60216-1
		ISO 294-4, 2577 ISO 294-4, 2577
dry/cond.		
5900/- 65/- 2.5/- 30/- 3/- 220/- 0.35/- ^[C]	MPa MPa % kJ/m ² kJ/m ² MPa	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 179/1eU ISO 179/1eA ISO 2039-1
dry/cond.		
260/* 200/* 220/*	0° 0° 0°	ISO 11357-1/-3 ISO 75-1/-2 ISO 75-1/-2
dry/cond.		
1.3/* 4.2/* 1550/-	% % kg/m³	Sim. to ISO 62 Sim. to ISO 62 ISO 1183
80 2 - 4 ≤0.15 295 285 305 ≤0.2 100 70	°C h °C °C °C m/s °C °C °C	
	>(PA66+PA6)-Gi 90 0.7 - 1.1 0.7 - 1.1 dry/cond. 5900/- 65/- 2.5/- 30/- 3/- 220/- 0.35/- ^[C] dry/cond. 260/* 220/* dry/cond. 1.3/* 4.2/* 1550/- yes 80 2 - 4 ≤0.15 295 285 305 ≤0.2 100 70	(PA66+PA6)-GB50 90 °C 0.7 - 1.1 % dry/cond. 5900/- MPa 65/- MPa 2.5/- % 30/- kJ/m² 3/- kJ/m² 220/- MPa 0.35/- ^[C] dry/cond. 260/* °C 200/* °C 220/* °C dry/cond. 1.3/* % 4.2/* %

Printed: 2025-05-29





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Characteristics

Processing Delivery form Special characteristics Injection Moulding Granules Heat stabilised or stable to heat, High Gloss, High Flow, Low Warpage

Printed: 2025-05-29

Revised: 2024-08-16 Source: Celanese Materials Database

NOTICE TO USERS: Values shown are based on testing of laboratory test specimens and represent data that fall within the standard range of properties for natural material. These values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes. Colourants or other additives may cause significant variations in data values. Properties of moulded parts can be influenced by a wide variety of factors including, but not limited to, material selection, additives, part design for any use contemplated by a motical grade (including by MT® product designation or otherwise), Celanese's products are not intended for use in medical or dental implants. Regardless of any such product designation, any determination of the suitability of a particular material and part design for any use contemplated by the users and the manner of such use is the sole responsibility of the users, who must assure themselves that the material as subsequently processed meets the needs of their particular product or use. To the best of our knowledge, the information contained in this publication is accurate; however, we do not assume any liability whatsoever for the accuracy and completeness of such information. The information contained in this publication as a promise or guarantee of specific properties of our products. It is the sole responsibility of the users to investigate whether any existing patents are infringed by the use of the materials mentioned in this publication. Moreover, there is a need to reduce human exposure to many materials to he lowest that texis. We recommend that persons intending to rely on any recommendation or to use any equipment, processing technique or material mentioned in this publication should satisfy themselves that they can meet all applicable safety and health standards. We strongly recommend that users seek and adhere to the manufacturer's current instructions for handling each material they use, and

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