

CELANYL[®] A3 H GY 7035/2

CELANYL®

Injection molding grade, fast cycles, easy flowing, suitable for many technical applications.

Product information Resin Identification Part Marking Code		PA66 >PA66<		ISO 1043 ISO 11469
Rheological properties Moulding shrinkage range, parallel Moulding shrinkage range, normal		1.5 - 1.9 1.5 - 1.9		ISO 294-4, 2577 ISO 294-4, 2577
Typical mechanical properties Tensile modulus Tensile stress at yield, 50mm/min Tensile strain at break, 50mm/min Charpy impact strength, 23°C Charpy notched impact strength, 23°C Poisson's ratio [C]: Calculated	;	dry/cond. 3200/- 80/- 10/- 60/- 3.5/- 0.37/- ^[C]	MPa MPa % kJ/m ² kJ/m ²	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 179/1eU ISO 179/1eA
Thermal properties Melting temperature, 10°C/min Temperature of deflection under load, Temperature of deflection under load,		dry/cond. 265 / * 80 / * 200 / *	°C °C °C	ISO 11357-1/-3 ISO 75-1/-2 ISO 75-1/-2
Physical/Other properties Humidity absorption, 2mm Water absorption, 2mm Density		dry/cond. 2.3/* 8.3/* 1140/-	% % kg/m³	Sim. to ISO 62 Sim. to ISO 62 ISO 1183
Injection Drying Recommended Drying Temperature Drying Time, Dehumidified Dryer Processing Moisture Content Melt Temperature Optimum Min. melt temperature Max. melt temperature Screw tangential speed Mold Temperature Optimum Min. mould temperature Max. mould temperature		2 - 4 ≤0.15 290 280 300 ≤0.4 70 50	°C h	
Characteristics Processing	Injection Moulding			
,	Granules Nucleated			

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(+) **18816996168** Ponciplastics.com



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Special characteristics

Heat stabilised or stable to heat, High Flow

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

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