

CELANYL® A3 H J08 K15 BK 9005/UV/2

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General purpose grade.

Product information

Resin Identification	PA66-I-MD15	ISO 1043
Part Marking Code	>PA66-I-MD15<	ISO 11469

Rheological properties

Moulding shrinkage range, parallel	0.8 - 1.1 %	ISO 294-4, 2577
Moulding shrinkage range, normal	1 - 1.3 %	ISO 294-4, 2577

Typical mechanical properties

	dry/cond.		
Tensile modulus	3200 / -	MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	65 / -	MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	15 / -	%	ISO 527-1/-2
Flexural modulus	3300 / -	MPa	ISO 178
Flexural strength	120 / -	MPa	ISO 178
Izod notched impact strength, 23°C	7.5 / -	kJ/m ²	ISO 180/1A
Poisson's ratio	0.37 / - ^[C]		
[C]: Calculated			

Thermal properties

	dry/cond.		
Temperature of deflection under load, 1.8 MPa	70 / *	°C	ISO 75-1/-2
Temperature of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2

Flammability

	dry/cond.		
Thickness tested	3.2 / *	mm	IEC 60695-11-10

Physical/Other properties

	dry/cond.		
Humidity absorption, 2mm	1.9 / *	%	Sim. to ISO 62
Water absorption, 2mm	6.6 / *	%	Sim. to ISO 62
Density	1230 / -	kg/m ³	ISO 1183

Characteristics

Processing	Injection Moulding
Delivery form	Granules
Additives	Mineral Filler
Special characteristics	Heat stabilised or stable to heat

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