

# CELANYL® A3 H J08 K15 BK 9005/UV/2

## CELANYL®

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 <sup>2</sup>	ISO 180/1A
Poisson's ratio	0.37/- <sup>[C]</sup>		

[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 <sup>3</sup>	ISO 1183

### Characteristics

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