

**Polymer** PA666

**Application** Injection moulding

Properties	Method	Unit	Value
<b>Physical</b>			
Density at 23°C	ISO 1183	g/cm <sup>3</sup>	1,16
Mould Shrinkage(%)		%	0,7 – 0,8
<b>Thermal</b>			
HDT, A (1.80 MPa)	ISO 75/Af	°C	70
HDT, B (0.45 MPa)	ISO 75/Af	°C	210
Relative Temp Index, Elec (0,8 mm)		°C	125
Relative Temp Index, Mech w/impact (0,8 mm)		°C	105
Relative Temp Index, Mech w/o impact (0,8 mm)		°C	120
<b>Mechanical at 23°C</b>			
Flexural Modulus	ISO 178	Mpa	3600
Tensile stress at yield	ISO 527	Mpa	85
Tensile elong. at break	ISO 527	%	10
Charpy impact strength	ISO 179/1eU	Kj/m <sup>2</sup>	75
<b>Flammability</b>			
Glow Wire Flammability Index GWFI (0,8 mm)	IEC 606925-2-12	°C	960
GlowWire Ignition Temperature GWIT (0,8 mm)	IEC 606925-2-13	°C	750
Flammability class (0,8 mm)	UL94		V0

## Disclaimer

The value above is the representative value of the NP standard and may have deviation. It can only be used for selecting materials and shall not be regarded as a material specification and cannot be used for moulding designs. Information inserted in this document such as data, statements, representative values, etc. are provided solely for customer convenience. It does not expressly or impliedly guarantee anything regarding the safety or practicability of the (7) materials, (2) products, and/or (3) design that utilizes recommendations or proposals. Furthermore, nothing in the contents of this document shall have any legally binding effect, and especially, the representative value is simply for reference and is not a minimum value that has legally binding effect.

Users must implement and verify all testing and analyses for proving the safety and compatibility of final products. The data and values inserted and/or contained in this document may be changed due to quality improvement of the product without any prior notification. This document is in no way contracted or obligated with the customer.