

# Novamid<sup>®</sup> 2010J

## PA6/66

Low Viscosity, Injection Molding, no additives

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<b>MECHANICAL PROPERTIES</b>			
	<i>DRY / COND</i>		
Tensile modulus	2500 / –	MPa	ISO 527-1/-2
Yield stress	73 / –	MPa	ISO 527-1/-2
Yield strain	4 / –	%	ISO 527-1/-2
Nominal strain at break	45 / –	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	5.4 / –	kJ/m <sup>2</sup>	ISO 179/1eA
<b>THERMAL PROPERTIES</b>			
	<i>DRY / COND</i>		
Melting temperature (10°C/min)	200 / *	°C	ISO 11357-1/-3
<b>OTHER PROPERTIES</b>			
	<i>DRY / COND</i>		
Humidity absorption	2.8 / *	%	Sim. to ISO 62
Density	1130 / –	kg/m <sup>3</sup>	ISO 1183
<b>MATERIAL SPECIFIC PROPERTIES</b>			
	<i>DRY / COND</i>		
Viscosity number	118 / *	cm <sup>3</sup> /g	ISO 307, 1157, 1628

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Viscosity–shear rate

