

**EPLAMID 6 IMP NC Q1B001**

PA6

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<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	1.4 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	2.0 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2100 / 1000	MPa	ISO 527
Stress at break	50 / 30	MPa	ISO 527
Strain at break	>50 / 40	%	ISO 527
Flexural modulus, 23°C	1750 / -	MPa	ISO 178
Charpy notched impact strength, +23°C	28 / -	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	25 / -	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	150 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	180 / *	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
<b>Other properties</b>			
Density	1080 / -	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	260	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Additives**

Lubricants

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Applications**

General Purpose

**Regional Availability**

Europe