

# Novamid® 1015NT8

## PA6 FR(17)

Flame Retardant, Improved Impact

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Properties	Typical Data	Unit	Test Method
<b>Mechanical properties</b>			
	dry / cond		
Stress at break	45 / 33	MPa	ISO 527-1/-2
Strain at break	>50 / >50	%	ISO 527-1/-2
Flexural modulus	2100 / 1200	MPa	ISO 178
Flexural strength	70 / 40	MPa	ISO 178
Charpy notched impact strength (+23°C)	12 / 19	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
	dry / cond		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	62 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	155 / *	°C	ISO 75-1/-2
Burning Behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.75 / *	mm	IEC 60695-11-10
Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.75 / *	mm	IEC 60695-11-10
<b>Other properties</b>			
	dry / cond		
Humidity absorption	2.1 / *	%	Sim. to ISO 62
Density	1380 / -	kg/m <sup>3</sup>	ISO 1183