

# Novamid® 1030

## PA6

Extrusion, High Viscosity, Lubricated

Print Date: 2020-02-19

Properties	Typical Data	Unit	Test Method
<b>Mechanical properties</b> dry / cond			
Tensile modulus	2700 / -	MPa	ISO 527-1/-2
Yield stress	78 / -	MPa	ISO 527-1/-2
Yield strain	4 / -	%	ISO 527-1/-2
Nominal strain at break	>50 / -	%	ISO 527-1/-2
<b>Thermal properties</b> dry / cond			
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
Burning Behav. at 1.5 mm nom. thickn.	V-2 / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	IEC 60695-11-10
Burning Behav. at thickness h	V-2 / *	class	IEC 60695-11-10
Thickness tested	0.81 / *	mm	IEC 60695-11-10
<b>Other properties</b> dry / cond			
Humidity absorption	2.8 / *	%	Sim. to ISO 62
Density	1130 / -	kg/m <sup>3</sup>	ISO 1183
<b>Material specific properties</b> dry / cond			
Viscosity number	245 / *	cm <sup>3</sup> /g	ISO 307, 1157, 1628

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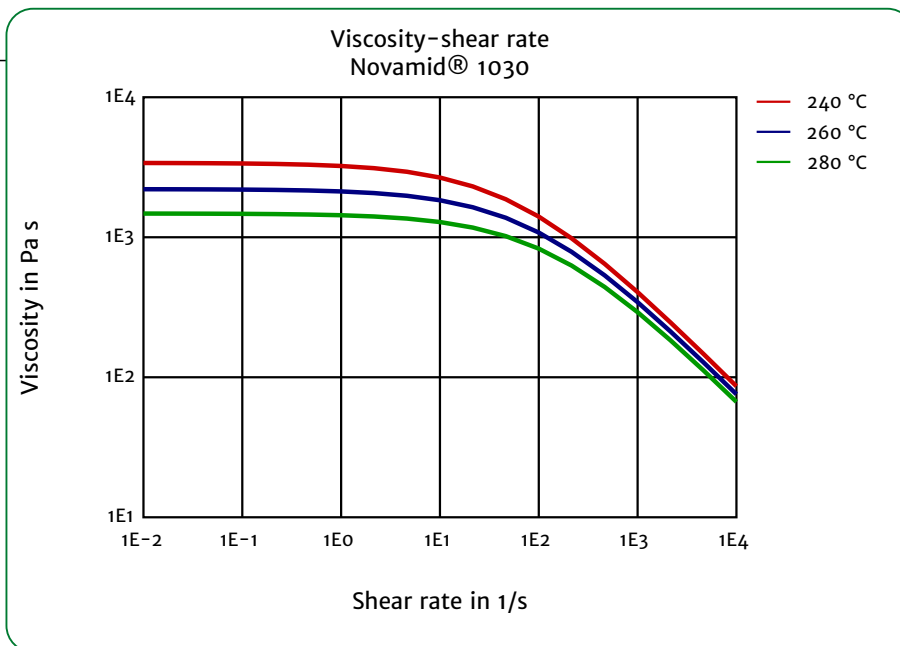
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## Viscosity-shear rate



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