

Novamid[®] 2620J

PA6/6T

Extrusion

Print Date: 2024-03-27

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES			
	DRY / COND		
Tensile modulus	2700 / –	MPa	ISO 527-1/-2
Yield stress	83 / –	MPa	ISO 527-1/-2
Yield strain	4.4 / –	%	ISO 527-1/-2
Nominal strain at break	10.6 / –	%	ISO 527-1/-2
Flexural modulus	2600 / –	MPa	ISO 178
Flexural strength	94 / –	MPa	ISO 178
Charpy impact strength (+23°C)	N / –	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	1.6 / –	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
	DRY / COND		
Melting temperature (10°C/min)	205 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	60.2 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	104 / *	°C	ISO 75-1/-2
OTHER PROPERTIES			
	DRY / COND		
Humidity absorption	2.8 / *	%	Sim. to ISO 62
Density	1140 / –	kg/m ³	ISO 1183
MATERIAL SPECIFIC PROPERTIES			
	DRY / COND		
Viscosity number	183 / *	cm ³ /g	ISO 307, 1157, 1628

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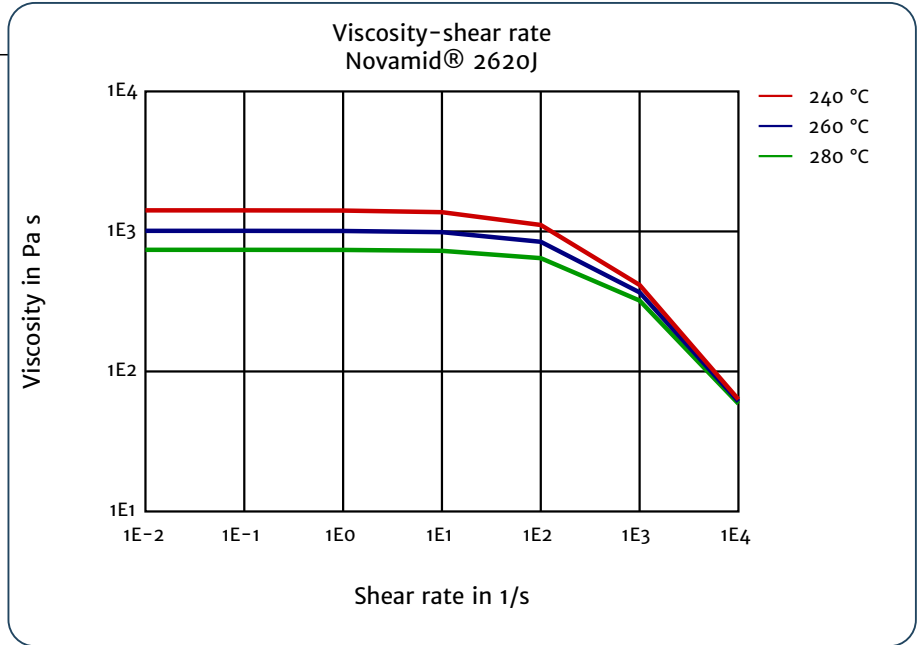
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Viscosity–shear rate



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