

## Novamid® 1020

PA6

Extrusion, Food Contact Quality

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	81 / -	MPa	ISO 527-1/-2
Yield strain	4.2 / –	%	ISO 527-1/-2
Flexural modulus	2600 / -	MPa	ISO 178
Flexural strength	107 / –	MPa	ISO 178
Charpy impact strength (+23°C)	N / -	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	4.5 / –	kJ/m²	ISO 179/1eA
THERMAL PROPERTIES	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
OTHER PROPERTIES	DRY / COND		
Humidity absorption	2.8 / *	%	Sim. to ISO 62
Density	1130 / –	kg/m³	ISO 1183
MATERIAL SPECIFIC PROPERTIES	DRY / COND		
Viscosity number	183 / *	cm³/g	ISO 307, 1157, 1628

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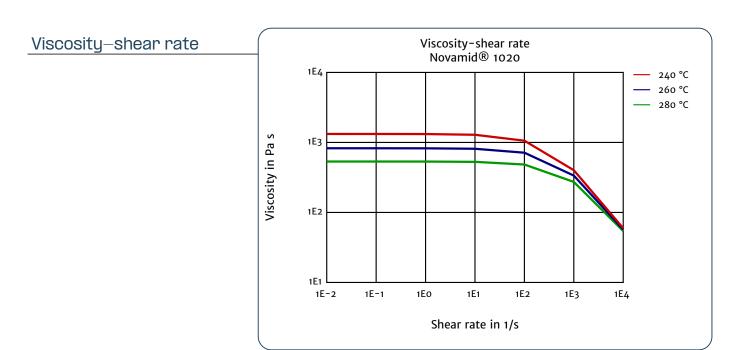
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