

Novamid[®] 2430AH2

PA6/66

High Viscosity, Heat Stabilized, Blow Molding and Extrusion Grade

Print Date: 2024-03-27

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES			
	DRY / COND		
Tensile modulus	2500 / –	MPa	ISO 527-1/-2
Yield stress	72 / –	MPa	ISO 527-1/-2
Yield strain	4.1 / –	%	ISO 527-1/-2
Nominal strain at break	>50 / –	%	ISO 527-1/-2
Flexural modulus	2300 / –	MPa	ISO 178
Flexural strength	84 / –	MPa	ISO 178
Charpy impact strength (+23°C)	N / –	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	2.6 / –	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
	DRY / COND		
Melting temperature (10°C/min)	193 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	49 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	76 / *	°C	ISO 75-1/-2
OTHER PROPERTIES			
	DRY / COND		
Water absorption	11 / *	%	Sim. to ISO 62
Humidity absorption	2.8 / *	%	Sim. to ISO 62
Density	1120 / –	kg/m ³	ISO 1183
MATERIAL SPECIFIC PROPERTIES			
	DRY / COND		
Viscosity number	246 / *	cm ³ /g	ISO 307, 1157, 1628
RSV formic acid, 1g/100ml	3.6	–	Envalior Method

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Viscosity–shear rate

