

# Ultramid® 1003-2 NF2002 (Cond)

Polyamide 66

BASF Corporation

## Product Description

Ultramid 1003-2 NF2002 is a general purpose, heat stabilized PA6/6.

## General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Heat Stabilizer
Features	• General Purpose • Heat Stabilized
RoHS Compliance	• RoHS Compliant
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	1250	MPa	ISO 527-2 <sup>2</sup>
Tensile Stress (Yield)	54.0	MPa	ISO 527-2 <sup>2</sup>
Tensile Strain (Yield)	25	%	ISO 527-2 <sup>2</sup>
Nominal strain at break	> 50	%	ISO 527-2 <sup>2</sup>
Flexural Modulus (23°C)	1150	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy notched impact strength			ISO 179/1eA <sup>2</sup>
-30°C	4.00	kJ/m <sup>2</sup>	
23°C	13.0	kJ/m <sup>2</sup>	
Charpy Unnotched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		
Notched Izod Impact Strength (23°C)	12.0	kJ/m <sup>2</sup>	ISO 180

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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