

# Ultramid® 8260 (Cond)

Polyamide 6

BASF Corporation

## Product Description

Ultramid 8260 is a 40% mineral reinforced PA6 injection molding compound. It possesses high stiffness, dimensional stability and heat resistance combined with excellent processability including low warp and resistance to sink-mark formation. It is also available in heat stabilized (Ultramid 8260 HS) versions. It can be painted or chrome plated and is also available in pigmented versions.

## General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Mineral Filler, 40% Filler by Weight
Additive	• Heat Stabilizer
Features	• Good Abrasion Resistance • Good Chemical Resistance • Good Dimensional Stability • Good Flow • Good Processability • Good Stiffness • Heat Stabilized • High Stiffness • Low Viscosity • Low Warpage • Platable • Semi Crystalline
Uses	• Appliance Components • Fittings • Furniture • Marine Applications • Power/Other Tools
RoHS Compliance	• RoHS Compliant
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	2390	MPa	ISO 527-2 <sup>2</sup>
Tensile Strength			
Break, 23°C	60.0	MPa	ASTM D638
Break	60.0	MPa	ISO 527-2 <sup>2</sup>
Tensile Elongation			
Break, 23°C	30	%	ASTM D638
Break	30	%	ISO 527-2 <sup>2</sup>
Flexural Modulus			
23°C	2730	MPa	ASTM D790
23°C	2100	MPa	ISO 178
Flexural Strength			
23°C	76.0	MPa	ASTM D790
23°C	50.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance (23°C)	108	J	Internal Method

## 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.

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