

# Ultramid® A 3XZG5 (Cond)

Polyamide 66

BASF Corporation

## Product Description

Ultramid A3XZG5 is an impact-modified, 25% glass fiber reinforced injection molding PA66 grade with improved flame retardance.

### Applications:

Typical applications include components with high stiffness, dimensional stability and enhanced impact strength such as electrical switches.

## General

Material Status	• Commercial: Active
Availability	• Europe • North America
Filler / Reinforcement	• Glass Fiber Reinforcement, 25% Filler by Weight
Additive	• Impact Modifier
Features	• Flame Retardant • Good Impact Resistance • Impact Modified • Good Dimensional Stability • High Stiffness
Uses	• Electrical/Electronic Applications • Switches
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Injection Molding

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4500	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	70.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	11	%	ISO 527-2

  

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	30	kJ/m <sup>2</sup>	ISO 179
Charpy Unnotched Impact Strength (23°C)	100	kJ/m <sup>2</sup>	ISO 179

## Notes

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

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 [www.kedisujiao.com](http://www.kedisujiao.com)

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