

# Ultramid® A 3EG6 FC (Cond)

Polyamide 66

BASF Corporation

## Product Description

Glass fibre reinforced injection moulding grade for articles intended to come into contact with foodstuffs.

## General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber Reinforcement, 30% Filler by Weight
Features	• Food Contact Acceptable
Processing Method	• Injection Molding

## Mechanical

	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	7200	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	130	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	5.0	%	ISO 527-2
Tensile Creep Modulus (1000 hr)	5300	MPa	ISO 899-1
Flexural Modulus (23°C)	6500	MPa	ISO 178
Flexural Strength (23°C)	210	MPa	ISO 178

## Impact

	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	22	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	100	kJ/m <sup>2</sup>	ISO 179/1eU
Notched Izod Impact Strength (23°C)	15.5	kJ/m <sup>2</sup>	ISO 180/A

## Electrical

	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10	ohms	IEC 60093
Volume Resistivity	1.0E+12	ohm·cm	IEC 60093
Relative Permittivity (23°C, 1 MHz)	5.60		IEC 60250
Dissipation Factor (23°C, 1 MHz)	0.16		IEC 60250

## Additional Information

	Nominal Value	Unit
Polymer Abbreviation	PA66-GF30	

## 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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