

# Ultramid® B 3EG7 BK00564 (Cond)

Polyamide 6

BASF Corporation

## Product Description

Ultramid B3EG7 BK00564 is a 35% glass fiber reinforced injection molding PA6 grade.

Typical applications include industrial articles and electrical insulating parts.

## General

Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Glass Fiber Reinforcement, 35% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Good Stiffness	• Good Thermal Aging Resistance	• Heat Stabilized
Uses	• Electrical Parts	• Industrial Applications	• Insulation
RoHS Compliance	• RoHS Compliant		
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm <sup>3</sup>	ISO 1183
Water Absorption			ISO 62
Saturation, 23°C	6.2	%	
Equilibrium, 23°C, 50% RH	2.0	%	
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)	7.0	%	ISO 527-2
Flexural Modulus (23°C)	6300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	33	kJ/m <sup>2</sup>	ISO 179
Charpy Unnotched Impact Strength (23°C)	110	kJ/m <sup>2</sup>	ISO 179
Notched Izod Impact Strength (23°C)	27.0	kJ/m <sup>2</sup>	ISO 180

## Notes

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

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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