

Ultramid® B 3EG6 BK00564 (Cond)

Polyamide 6

BASF Corporation

Product Description

Ultramid B3EG6 BK00564 is a 30% glass fiber reinforced, pigmented black injection molding PA6 grade. It conforms to FDA requirements of 21 CFR 177.1500.

General

Material Status	• Commercial: Active
Availability	• Europe • North America
Filler / Reinforcement	• Glass Fiber Reinforcement, 30% Filler by Weight
Additive	• Heat Stabilizer
Features	• Good Abrasion Resistance • Good Processability • Low Viscosity • Good Chemical Resistance • Good Stiffness • Oil Resistant • Good Creep Resistance • Good Thermal Aging Resistance • Semi Crystalline • Good Dimensional Stability • Good Flow • Good Weather Resistance • Heat Stabilized
Uses	• Electronic Insulation • Industrial Applications
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Water Absorption			ISO 62
24 hr, 23°C	2.1	%	
Saturation, 23°C	6.0	%	
Equilibrium, 23°C, 50% RH	2.1	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	6000	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	105	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	6.0	%	ISO 527-2

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	20	kJ/m ²	ISO 179

Notes

¹ Typical properties: these are not to be construed as specifications.

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如需要更多物性资料请查阅 www.kedisujiao.com

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