

Ultramid® B 3ZG3 (Cond)

Polyamide 6
BASF Corporation

Product Description
Ultramid B3ZG3 is an impact-modified, 15% glass fiber reinforced injection molding PA6 grade.

General			
Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Glass Fiber Reinforcement, 15% Filler by Weight		
Additive	• Heat Stabilizer	• Impact Modifier	
Features	• Good Abrasion Resistance • Good Chemical Resistance • Good Colorability • Good Dimensional Stability • Good Flow • Good Impact Resistance	• Good Processability • Good Stiffness • Good Thermal Aging Resistance • Good Toughness • Heat Stabilized • High Heat Resistance	• Impact Modified • Low Viscosity • Oil Resistant • Semi Crystalline
Uses	• Automotive Applications	• Housings	• Sporting Goods
RoHS Compliance	• RoHS Compliant		
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	2900	MPa	ISO 527-2 ²
Tensile Stress			
Break, -40°C	127	MPa	ISO 527-2
Break	60.0	MPa	ISO 527-2 ²
Tensile Strain (Break)	18	%	ISO 527-2 ²

Impact	Nominal Value	Unit	Test Method
Charpy notched impact strength (23°C)	30.0	kJ/m ²	ISO 179/1eA ²
Charpy Unnotched Impact Strength (23°C)	110	kJ/m ²	ISO 179

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity ³	1.0E+10	ohms	ASTM D257
Volume Resistivity (1.50 mm)	1.0E+10	ohm·cm	ASTM D257

Notes

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

² Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.

³ 1.5 mm

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 www.kedisujiao.com

备注：以上原料物性数据由厂家发布,我公司仅提供参考！数据如有变动，请联系原料生产厂家获知。我公司不承担任何法律责任！