

Ultramid® B 35G3 BK564 (Cond)

Polyamide 6

BASF Corporation

Product Description

Glass fibre reinforced injection moulding grade e.g. for internal gas pressure applications such as flashing direction switch gears, automobile mirror housings and wheels of mountain bikes.

General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber Reinforcement, 15% Filler by Weight
Features	• Oil Resistant
Uses	• Gears • Housings • Wheels
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Extrusion • Injection Molding

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3200	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	67.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	13	%	ISO 527-2
Flexural Strength (23°C)	90.0	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	110	kJ/m ²	ISO 179/1eU

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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