

# Ultramid® B 3G8 BK00564 (Cond)

Polyamide 6

BASF Corporation

## Product Description

Ultramid B3G8 BK00564 is a 40% glass reinforced, pigmented black, injection molding PA6 grade.

## General

|                        |  |
|------------------------|--|
| Material Status        | • Commercial: Active   |
| Availability           | • North America  |
| Filler / Reinforcement | • Glass Fiber Reinforcement, 40% Filler by Weight  |
| Additive               | • Heat Stabilizer  |
| Features               | • Good Abrasion Resistance<br>• Good Chemical Resistance<br>• Good Creep Resistance<br>• Good Dimensional Stability<br>• Good Flow<br>• Good Processability<br>• Good Stiffness<br>• Heat Stabilized<br>• Low Viscosity<br>• Oil Resistant<br>• Semi Crystalline |
| Uses                   | • Automotive Applications<br>• Automotive Interior Parts   |
| RoHS Compliance        | • RoHS Compliant   |
| Appearance             | • Black  |
| Forms                  | • Pellets  |
| Processing Method      | • Injection Molding  |

| Mechanical               | Nominal Value | Unit | Test Method            |
|--------------------------|---------------|------|------------------------|
| Tensile modulus          | 8200          | MPa  | ISO 527-2 <sup>2</sup> |
| Tensile Stress (Break)   | 135           | MPa  | ISO 527-2 <sup>2</sup> |
| Tensile Strain (Break)   | 4.6           | %    | ISO 527-2 <sup>2</sup> |
| Flexural Modulus (23°C)  | 7400          | MPa  | ISO 178                |
| Flexural Strength (23°C) | 205           | MPa  | ISO 178                |

| Impact                                  | Nominal Value | Unit              | Test Method              |
|---|---------------|-------------------|--------------------------|
| Charpy notched impact strength (23°C)   | 22.0          | kJ/m <sup>2</sup> | ISO 179/1eA <sup>2</sup> |
| Charpy Unnotched Impact Strength (23°C) | 110           | kJ/m <sup>2</sup> | ISO 179                  |

## Notes

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

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

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)

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！