

Ultramid® A 3EG6 BK00564

Polyamide 66

BASF Corporation

| General | | | | |
|---------------------------------------|----------------------|---------------|-------------------|-------------|
| Material Status | • Commercial: Active | | | |
| Availability | • North America | | | |
| RoHS Compliance | • RoHS Compliant | | | |
| Appearance | • Black | | | |
| Forms | • Pellets | | | |
| Physical | | Nominal Value | Unit | Test Method |
| Density | | 1.36 | g/cm ³ | ISO 1183 |
| Water Absorption | | | | ISO 62 |
| Saturation, 23°C | | 5.5 | % | |
| Equilibrium, 23°C, 50% RH | | 1.7 | % | |
| Mechanical | | Nominal Value | Unit | Test Method |
| Tensile Modulus (23°C) | | 9550 | MPa | ISO 527-2 |
| Tensile Stress (Break, 23°C) | | 170 | MPa | ISO 527-2 |
| Tensile Strain (Break, 23°C) | | 2.5 | % | ISO 527-2 |
| Flexural Modulus (23°C) | | 8550 | MPa | ISO 178 |
| Impact | | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (23°C) | | 7.0 | kJ/m ² | ISO 179 |
| Thermal | | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | | | | |
| 0.45 MPa, Unannealed | | 260 | °C | ISO 75-2/B |
| 1.8 MPa, Unannealed | | 250 | °C | ISO 75-2/A |
| Melting Temperature (DSC) | | 260 | °C | ISO 3146 |

Notes

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

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！