

# Ultramid® B 24 N 03

Polyamide 6

BASF Corporation

## Product Description

Ultramid® B24 N 03 is a light stabilized polyamide 6 for the production of bright textile fibers. The polymer is especially suitable for high speed spinning.

## General

|                   |                              |
|-------------------|------------------------------|
| Material Status   | • Commercial: Active         |
| Availability      | • Europe                     |
| Additive          | • UV Stabilizer              |
| Features          | • Oil Resistant              |
| Uses              | • Fibers                     |
| RoHS Compliance   | • RoHS Compliant             |
| Forms             | • Pellets                    |
| Processing Method | • Fiber (Spinning) Extrusion |

| Physical   | Nominal Value | Unit               | Test Method |
|--|---------------|--------------------|-------------|
| Density  | 1.14          | g/cm <sup>3</sup>  | ISO 1183    |
| Apparent Density   | 0.63          | g/cm <sup>3</sup>  | ISO 60      |
| Viscosity Number (H <sub>2</sub> SO <sub>4</sub> (Sulphuric Acid)) | 124 to 129    | cm <sup>3</sup> /g | ISO 307     |

| Thermal                   | Nominal Value | Unit | Test Method |
|---------------------------|---------------|------|-------------|
| Melting Temperature (DSC) | 220           | °C   | ISO 3146    |

## Additional Information

Amino End-groups, BASF Method: 41 to 45 meq/kg  
Color Number, BASF Method: max. 5 APHA  
Density, ISO 1183: 1.12 to 1.15 g/cm<sup>3</sup>  
Extractables, ISO 6427, chips not ground/16h: 0.6%  
Moisture Content, ISO 15512: 0.06%  
Pellet Shape: Cylindrical  
Pellet Size: 2 to 2.5 mm  
Specific Chip Number: approx. 80/g  
Relative Viscosity, 1% (m/v) in 96% (m/m) sulfuric acid, ISO 307: 2.4 to 2.46

## Notes

<sup>1</sup> 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](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！