

**BASF Ultramid® B3Z BK 30464 PA6 (Dry)**

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

**Material Notes:**

Description: Ultramid B3Z BK30464 is an impact-modified, pigmented black, unreinforced PA6 for injection molding. Applications: Impact-resistant articles, e.g. dowels. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-B3Z-BK-30464-PA6-Dry.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-B3Z-BK-30464-PA6-Dry.php)

| Physical Properties | Metric    | English                   | Comments |
|---------------------|-----------|---------------------------|----------|
| Density             | 1.06 g/cc | 0.0383 lb/in <sup>3</sup> | ISO 1183 |

| Mechanical Properties   | Metric                 | English                    | Comments |
|-------------------------|------------------------|----------------------------|----------|
| Tensile Strength, Yield | 45.0 MPa               | 6530 psi                   | ISO 527  |
| Elongation at Yield     | 3.7 %                  | 3.7 %                      | ISO 527  |
| Flexural Modulus        | 1.75 GPa               | 254 ksi                    | ISO 178  |
| Charpy Impact Unnotched | NB                     | NB                         | ISO 179  |
| Charpy Impact, Notched  | 7.90 J/cm <sup>2</sup> | 37.6 ft-lb/in <sup>2</sup> | ISO 179  |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
| Melting Point      | 220 °C | 428 °F  | ISO 3146 |

| Processing Properties | Metric     | English    | Comments |
|-----------------------|------------|------------|----------|
| Dry Time              | 2 - 4 hour | 2 - 4 hour |          |
| Moisture Content      | <= 0.20 %  | <= 0.20 %  |          |

| Descriptive Properties | Value         | Comments |
|------------------------|---------------|----------|
| Color                  | BK 30464      |          |
| Commercial Status      | North America |          |

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