

**BASF Ultramid® 8253 BK-102 PA6 (Dry)**

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Impact Grade

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-8253-BK-102-PA6-Dry.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-8253-BK-102-PA6-Dry.php)

| Physical Properties                | Metric    | English                   | Comments              |
|------------------------------------|-----------|---------------------------|-----------------------|
| Density                            | 1.09 g/cc | 0.0394 lb/in <sup>3</sup> | ISO 1183              |
| Water Absorption                   | 8.1 %     | 8.1 %                     | ISO 62                |
| Moisture Absorption at Equilibrium | 2.3 %     | 2.3 %                     | 23°C/50% R.H.; ISO 62 |

| Thermal Properties                          | Metric              | English              | Comments |
|---|---------------------|----------------------|----------|
| Melting Point                               | 220 °C              | 428 °F               | 10 K/min |
| Deflection Temperature at 1.8 MPa (264 psi) | 56.0 °C             | 133 °F               | ISO 75   |
| Flammability, UL94                          | HB                  | HB                   |          |
|   | @Thickness 0.750 mm | @Thickness 0.0295 in |          |
| Flammability, UL94                          | HB                  | HB                   |          |
|   | @Thickness 3.00 mm  | @Thickness 0.118 in  |          |

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