# AN-33-BK – Nylon 66 impact modified

General purpose PA66 for toughened injection molding applications mainly for industrial and consumer components.

| Properties | Test method | Value | Units |
|---|---|---|---|
| Density at 23°C | ASTM D792 | 1.17 | $g/cm^3$ |
| Melt Flow Index (MFI) at 275°C – 2.16 kg | ASTM D1238 | 56 | $g/10min$ |
| Ash content 600°C – 1.5 h | ASTM D5630 | <7.0 | % |
| **Mechanical properties** | | | |
| Tensile strength | ASTM D638 | 66 | MPa |
| Elongation at break | ASTM D638 | 8 | % |
| Notched Izod impact | ASTM D256 | 46 / 3.6 | $J/m$ / $kJ/m^2$ |
| **Processing** | | | |
| Drying | | 4-6 | Hours |
| Melt temperature | | 275-295 | °C |
| Mold temperature | | 70-100 | °C |

The data contained in this datasheet is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose.