

## Technical Data Sheet

### *Schulamid* M-2271 BKBLK



Polyamide 6

#### Product Description

*Schulamid* M-2271 BKBLK is a Polyamide 6 Glass Fiber, 33% filled material.

|                      |                  |
|----------------------|------------------|
| Forms                | Pellets          |
| Appearance           | Natural Color    |
| Filler/Reinforcement | Glass Fiber, 33% |

| Typical Properties                                     | Nominal Value | Units             | Test Method |
|--------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                        |               |                   |             |
| Density - Specific Gravity                             | 1.38          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                      |               |                   |             |
| Tensile Strength, (23 °C)                              | 145           | MPa               | ASTM D638   |
| Flexural Modulus, (23 °C, Secant)                      | 8100          | MPa               | ASTM D790   |
| Flexural Strength, (23 °C)                             | 241           | MPa               | ASTM D790   |
| <b>Impact</b>                                          |               |                   |             |
| Notched Izod Impact, (23 °C, 3.18 mm)                  | 120           | J/m               | ASTM D256   |
| <b>Thermal</b>                                         |               |                   |             |
| Deflection Temperature Under Load Unannealed (264 psi) | 207           | °C                | ASTM D648   |