

**Technical Data Sheet**

***Schulamid* E-17441-01 NATURAL**



Polyamide 66

**Product Description**

Nylon 66 High Impact

**Processing Method**            Injection Molding

**Attribute**                        High Impact Resistance

| <b>Typical Properties</b>                               | <b>Nominal Value</b> | <b>Units</b>      | <b>Test Method</b> |
|---|----------------------|-------------------|--------------------|
| <b>Mechanical</b>                                       |                      |                   |                    |
| Tensile Stress at Yield, (50 mm/min)                    | 55.0                 | MPa               | ISO 527-2          |
| Flexural Modulus, (2.0 mm/min)                          | 2400                 | MPa               | ISO 178            |
| <b>Impact</b>   |                      |                   |                    |
| Notched Izod Impact Strength                            | 20                   | kJ/m <sup>2</sup> | ISO 180            |
| <b>Thermal</b>  |                      |                   |                    |
| Deflection Temperature Under Load Unannealed (1.80 MPa) | 58                   | °C                | ISO 75-2/A         |