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## Technical Data Sheet

### Schulamid 6 GF50 H NATURAL



Polyamide 6

#### Product Description

Schulamid 6 GF50 H NATURAL is a Polyamide 6 material.

| Typical Properties                                                   | Nominal Value | Units             | Test Method |
|----------------------------------------------------------------------|---------------|-------------------|-------------|
| <b>Mechanical</b>                                                    |               |                   |             |
| Tensile Strain at Break, (Type 1A, 5 mm/min)                         | 4.5           | %                 | ISO 527-2   |
| Tensile Stress at Break, (Type 1A, 5 mm/min)                         | 130           | MPa               | ISO 527-2   |
| Tensile Modulus, (1 mm/min, Type 1A)                                 | 9500          | MPa               | ISO 527-1   |
| <b>Impact</b>                                                        |               |                   |             |
| Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A) | 24            | kJ/m <sup>2</sup> | ISO 179     |
| Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)        | No Break      |                   | ISO 179     |
| <b>Flammable</b>                                                     |               |                   |             |
| Burning Rate                                                         |               |                   |             |
| (2.00 mm)                                                            | <100          | mm/min            | FMVSS 302   |
| (2.00 mm)                                                            | <100          | mm/min            | ISO 3795    |