

Product Description

High viscosity, Polyamide 6,

General Considerations

| | |
|---------------------|-------------|
| Resin ID (ISO 1043) | · PA6 |
| Additive | · Lubricant |
| Processing | · Extrusion |
| Color | · Natural |

The information below is for informational purposes only and should not be adopted as specification limits.

| Physical | | Unit | Method |
|----------------------------|------|-------------------|--------------|
| Density / Specific Gravity | 1,13 | g/cm ³ | ASTM D 792/A |
| Relative Viscosity | 4,12 | - | - |
| Mold Shrinkage | | % | ASTM D 955 |
| Parallel | 1,1 | | |
| Water Absorption | | % | ASTM D 570 |
| Saturation | 10 | | |

| Mechanical | Value | Unit | Method |
|-----------------------------------|-------|------|------------|
| Tensile Strength | 74 | MPa | ASTM D 638 |
| Flexural Modulus | 2300 | MPa | ASTM D 790 |
| Flexural Strength | 91 | MPa | ASTM D 790 |
| Izod Notched Impact Strength 23°C | 47 | J/m | ASTM D 256 |

| Thermal | Value | Unit | Method |
|-----------------------------|-------|------|-------------|
| Melting Point | 219 | °C | ISO 3146/A |
| Heat Deflection Temperature | | °C | ASTM D 648 |
| 0,45 MPa | 75 | | |
| 1,82 MPa | 55 | | |
| Vicat Softening Temperature | 210 | °C | ASTM D 1525 |
| Flammability | HB | | UL 94 |

| Process | | Unit | Method |
|---------------------|------------|----------|--------|
| Process Temperature | 220 to 240 | °C | -- |
| Drying | 90 / 4 | °C/Hours | -- |

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