

## FilRight rPLA

| Physical properties | Typical Value | Test Method |
|---------------------|---------------|-------------|
| Specific gravity    | 1.24 g/cc     | ISO 1183    |
| Melt flow rate      | 11 g 10/min   | ISO 1133    |
| Water absorption    |               |             |
| Moisture absorption |               |             |

  

| Mechanical properties | Typical Value         | Test Method |
|-----------------------|-----------------------|-------------|
| Impact strength       | 7,5 KJ/m <sup>2</sup> |             |
| Tensile strength      | 46 MPa                | ASTM D882   |
| Tensile modulus       | 3251 MPa              | ISO 527     |
| Elongation at break   | 4%                    | ISO 527     |
| Flexural strength     |                       |             |
| Flexural modulus      |                       |             |
| Hardness              |                       |             |

  

| Thermal properties     | Typical Value  | Test Method |
|------------------------|----------------|-------------|
| Print temperature      | 210 °C ± 10 °C |             |
| Melting temperature    |                |             |
| Melting point          | 145-160 °C     | ASTM D3418  |
| Viscal softening temp. | ± 60 °C        | ISO 306     |

  

| Dimensions |           |           |
|------------|-----------|-----------|
| Size       | Tolerance | Roundness |
| 1,75mm     | ± 0,05mm  | ≥ 95%     |
| 2,85mm     | ± 0,10mm  | ≥ 95%     |