

ClearScent™ ABS

ABS

Formfutura BV

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 12 | g/10min | ASTM D 1238 |
| Temperature | 220 | °C | - |
| Load | 10 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Izod notched impact strength, +23°C | 17 | kJ/m ² | ISO 180/1A |
| ASTM Data | | | |
| Tensile Strength at Yield | 39.2 | MPa | ASTM D 638 |
| Elongation at Break | 35 | % | ASTM D 638 |
| Flexural Modulus | 1833 | MPa | ASTM D 790 |
| Flexural Strength | 60.8 | MPa | ASTM D 790 |
| Rockwell Hardness | R 100 | - | ASTM D 785 |
| Other Standards^[5] | | | |
| Tensile Modulus | 1900 | MPa | |

S: These properties are reported by the producer according standards that are different to our defaults.

| Optical properties | Value | Unit | Test Standard |
|---------------------|-------|------|---------------|
| ASTM Data | | | |
| Haze | 2.2 | % | ASTM D 1003 |
| Light Transmittance | 90 | % | ASTM D 1003 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1060 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Additive Manufacturing

Delivery form

Monofilament

Special Characteristics

Transparent

Features

Copolymer

Regional Availability

Europe