

Infino VB-5300G

| | Properties | Test condition | Method | Unit | Value |
|------------|--|---------------------------------|-------------|-------------------|---------|
| Physical | Specific Gravity | Natural or Representative Color | ISO 1183 | - | 1,63 |
| | Mold Shrinkage (MD) | Flow at 3.2mm(MD) | ISO 2577 | % | 0,3-0,9 |
| | Melt Flow Index | 250°C, 2,16kg | ISO 1133 | g/10min | 15 |
| Mechanical | Tensile Strength at Yield | 50mm/min | ISO 527 | MPa | 150 |
| | Tensile Strain at Break | 50mm/min | ISO 527 | % | 4 |
| | Tensile Modulus | 50mm/min | ISO 527 | MPa | 7600 |
| | Tensile Strength at Break | 50mm/min | ISO 527 | MPa | 150 |
| | Flexural Strength | 2mm/min | ISO 178 | MPa | 210 |
| | Flexural Modulus | 2mm/min | ISO 178 | MPa | 8800 |
| | Izod Impact Strength (notched) | at 23°C, 4mm | ISO 180 1A | KJ/m ² | 10 |
| | Charpy Impact Strength (V-notched) | 23°C, 4mm | ISO 179 1eA | KJ/m ² | 10 |
| | Rockwell Hardness | R-scale | ISO 2039-2 | - | 119 |
| Thermal | Heat Deflection Temperature (unannealed) | 1.8 MPa, 4.0mm | ISO 75-2 | °C | 206 |
| | Heat Deflection Temperature (unannealed) | 0.45 MPa, 4.0mm | ISO 75-2 | °C | 221 |
| | Vicat Softening Temperature | B/50 | ISO R 306 | °C | 210 |

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

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