

Infino EN-1052

| | Properties | Test condition | Method | Unit | Value |
|------------|--|---------------------------------|-------------|-------------------|-------|
| Physical | Specific Gravity | Natural or Representative Color | ISO 1183 | - | 1,18 |
| | Melt Flow Index | 250°C,10kg | ISO 1133 | g/10min | 19 |
| Mechanical | Tensile Strength at Yield | 50mm/min | ISO 527 | MPa | 55 |
| | Tensile Strain at Break | 50mm/min | ISO 527 | % | 109 |
| | Tensile Modulus | 50mm/min | ISO 527 | MPa | 2100 |
| | Tensile Strength at Break | 50mm/min | ISO 527 | MPa | 67 |
| | Flexural Strength | 2mm/min | ISO 178 | MPa | 80 |
| | Flexural Modulus | 2mm/min | ISO 178 | MPa | 2100 |
| | Izod Impact Strength (notched) | at 23°C, 4mm | ISO 180 1A | KJ/m ² | 65 |
| | Charpy Impact Strength (V-notched) | 23°C, 4mm | ISO 179 1eA | KJ/m ² | 70 |
| | Rockwell Hardness | R-scale | ISO 2039-2 | - | 120 |
| Thermal | Heat Deflection Temperature (unannealed) | 1.8 MPa, 4.0mm | ISO 75-2 | °C | 121 |
| | Heat Deflection Temperature (unannealed) | 0.45 MPa, 4.0mm | ISO 75-2 | °C | 135 |
| | Heat Deflection Temperature (annealing) | 1.8 MPa, 4.0mm | ISO 75-2 | °C | 123 |
| | Heat Deflection Temperature (annealing) | 0.45 MPa, 4.0mm | ISO 75-2 | °C | 135 |
| | Vicat Softening Temperature | B/50 | ISO R 306 | °C | 140 |
| | Vicat Softening Temperature | B/120 | ISO R 306 | °C | 145 |

| | Properties | Test condition | Method | Unit | Value |
|--------------|--------------|----------------|--------|------|---------|
| | RTI, Ele | 1.5 ,V-0 | UL746B | °C | 130 |
| | RTI, Imp | 1.5 ,V-0 | UL746B | °C | 130 |
| | RTI, Str | 1.5 ,V-0 | UL746B | °C | 130 |
| Flammability | Flammability | V-2 | UL94 | mm | 0,75 |
| | Flammability | V-0 | UL94 | mm | 1.5,3.0 |

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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