

INFINO XP-2165M

| | Properties | Test condition | Method | Unit | Value |
|------------|--|---------------------------------|-------------|-------------------|----------|
| Physical | Specific Gravity | Natural or Representative Color | ISO 1183 | - | 1,96 |
| | Mold Shrinkage (MD) | Flow at 3.2mm(MD) | ISO 2577 | % | 0,25-0,8 |
| | Water Absorption | 23°C | ISO 62 | % | 0,02 |
| | Melt Flow Index | 330°C , 5kg | ISO 1133 | g/10min | 65 |
| Thermal | Heat Deflection Temperature (unannealed) | 1.8 MPa, 4.0mm | ISO 75-2 | °C | 258 |
| | Heat Deflection Temperature (unannealed) | 0.45 MPa, 4.0mm | ISO 75-2 | °C | 279 |
| | Heat Deflection Temperature (annealing) | 1.8 MPa, 4.0mm | ISO 75-2 | °C | 260 |
| | Heat Deflection Temperature (annealing) | 0.45 MPa, 4.0mm | ISO 75-2 | °C | 278 |
| Mechanical | Flexural Strength | 2mm/min | ISO 178 | MPa | 200 |
| | Flexural Modulus | 2mm/min | ISO 178 | MPa | 18000 |
| | Izod Impact Strength (notched) | at 23°C, 4mm | ISO 180 1A | KJ/m ² | 8,1 |
| | Charpy Impact Strength (V-notched) | 23°C, 4mm | ISO 179 1eA | KJ/m ² | 8,6 |
| | Tensile Strength at Yield | 5mm/min | ISO 527 | MPa | 120 |