

General PC Alloy WONDERLOY® PC-365

Product Description: High heat, High impact

| Properties | ISO Test Method | Test Condition | Unit | PC-365 |
|---|-----------------|-----------------------|-------------------|--------------------|
| Melt Flow Index | 1133 | 260°C×5KG | ml/10 min | 20 |
| Spiral flow | CHIMEI | 260°C,2mm,V:50%,P:50% | cm | 35 |
| Mass Density | 1183 | 23 °C | g/cm ³ | 1.13 |
| Tensile Strength | 527 | 50 mm/min, yield | MPa | 54 |
| | | 50 mm/min, break | MPa | 50 |
| Tensile Elongation | 527 | 50 mm/min | % | 120 |
| Flexural Strength | 178 | 2 mm/min | MPa | 80 |
| Flexural Modulus | | 2 mm/min | GPa | 2.2 |
| Izod Impact Strength | 180/1A | 23 °C, 1/8" Notched | KJ/m ² | 50 |
| | | -30 °C, 1/8" Notched | KJ/m ² | 45 |
| Charpy Impact Strength | 179 | 23 °C, 1/8" Notched | KJ/m ² | 50 |
| | | -30 °C, 1/8" Notched | KJ/m ² | 45 |
| Vicat Softening Temp. | 306 | 1 Kg,50 °C/hr | °C | 138 |
| | | 5 Kg,50 °C/hr | °C | 127 |
| Heat Distortion Temp. | 75/A | 1.8 MPa Unannealed | °C | 102 |
| | | 1.8 MPa Annealed | °C | — |
| Dielectric Constant | IEC 60250 | 1MHz | -- | 3.1 |
| Volume Resistivity | IEC 60093 | -- | Ohm X m | 1E+16 |
| Surface Resistivity | IEC 60093 | -- | Ohm | 1E+16 |
| Coefficient of Linear Thermal Expansion | 11359 | - | - | 8*10 ⁻⁵ |
| Flammability | - | UL-94 | - | 1.5mm HB |
| Mold Shrinkage | 294-4 | - | % | 0.4~0.6 |
| Symbol | 1043 | - | - | >ABS+PC< |

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Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own test

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