

Flame Retardant WONDERLITE® PC-6600_J01

Product Description: 1.0mm V-0, Opaque, Black

| Properties | ISO Test Method | Test Condition | Unit | PC-6600_J01 |
|--|-----------------|-----------------------------|-------------------|-------------------------------------|
| Melt Flow Index | 1133 | 300°C × 1.2KG | ml/10 min | 10 |
| Spiral flow | CHIMEI | 260°C, 2mm, V:50%, P:50% | cm | - |
| Mass Density | 1183 | 23 °C | g/cm ³ | 1.2 |
| Tensile Strength | 527 | 50 mm/min, yield | MPa | 60 |
| | | 50 mm/min, break | MPa | 70 |
| Tensile Elongation | 527 | 50 mm/min | % | 115 |
| Flexural Strength | 178 | 2 mm/min | MPa | 90 |
| Flexural Modulus | | 2 mm/min | GPa | 2.3 |
| Izod Impact Strength | 180/1A | 23°C, Notched | KJ/m ² | 60 |
| | | -30°C, Notched | KJ/m ² | 15 |
| Charpy Impact Strength | 179 | 23°C, Notched | KJ/m ² | 60 |
| | | -30°C, Notched | KJ/m ² | 15 |
| Vicat Softening Temp. | 306 | 50°C/hr; 1KG | °C | 150 |
| | | 50°C/hr; 5KG | °C | 145 |
| Heat Distortion Temp. | 75/A | 1.8MPa, unannealed | °C | 125 |
| | | 1.8MPa, annealed | °C | 140 |
| Dielectric Constant | IEC 60250 | 1MHz | -- | 3 |
| Volume Resistivity | IEC 60093 | -- | Ohm X m | 3.6E+14 |
| Surface Resistivity | IEC 60093 | -- | Ohm | 9.3E+14 |
| Coefficient of Linear Thermal Expansion | 11359 | - | - | 6.7*10 ⁻⁵ |
| Flammability | - | UL-94 | - | 1.0mm V-0 2.0mm 5VB 3.0mm 5VA |
| Mold Shrinkage | 294-4 | - | % | 0.4~0.6 |
| Symbol | 1043 | - | - | >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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