CHIMEI a step up

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UV Stabilized PC WONDERLITE[®] PC-110L

Product Description: Auto Head lamp

| Properties | ISO Test Method | Test Condition | Unit | PC-110L |
|--|-----------------|---------------------|-------------------|--------------|
| Melt Flow Index | 1133 | 300°C × 1.2KG | ml/10 min | 10 |
| Mass Density | 1183 | 23 °C | g/cm ³ | 1.2 |
| Tensile Strength | 527 | 50 mm/min, yield | MPa | 65 |
| | | 50 mm/min, break | MPa | 75 |
| Tensile Elongation | 527 | 50 mm/min | % | 120 |
| Flexural Strength | 178 | 2 mm/min | MPa | 90 |
| Flexural Modulus | | 2 mm/min | GPa | 2.4 |
| Izod Impact Strength | 180/1A | 23°C, Notched,1/8" | KJ/m ² | 75 |
| | | -30°C, Notched,1/8" | KJ/m ² | - |
| Charpy Impact Strength | 179 | 23 °C Notched | KJ/m ² | 75 |
| | | -30 °C Notched | KJ/m ² | - |
| Vicat Softening Temp. | 306 | 1 Kg,50 °C/hr | C° | 148 |
| | | 5 Kg,50 °C/hr | C° | 143 |
| Heat Distortion Temp. | 75/A | 1.8 MPa Unannealed | °C | 127 |
| | | 1.8 MPa Annealed | °C | 142 |
| Coefficient of Linear Thermal Expansion | 11359 | - | - | 6.0~8.0x10-5 |
| Flammability | - | UL-94 | - | 1.5mm V-2 |
| Mold Shrinkage | 294-4 | - | % | 0.5~0.7 |
| 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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