

Titalon 5200GF-FR

RESIN : POLYCARBONATE (PC)
PRODUCT DESCRIPTION: 20% GLASS FIBER, FLAME RETARDANT, HIGH STRENGTH, GOOD SURFACE, FREE HALOGEN

Color No: VN01,VB01

| Properties | Unit | Method | Value |
|---|-------------------|--|--|
| Color | - | - | Black |
| Density | g/cm ³ | ISO 1183 | 1.35 |
| Tensile strength Tensile Elongation | MPa | ISO 527-1,2 | 100 3 |
| Flexural strength Flexural modulus | MPa | ISO 178 | 150 5500 |
| Charpy impact strength (notched) | KJ/m ² | ISO 179/1eA | 9 |
| Heat Deflection Temperature (1.8Mpa) | °C | ISO 75-1,2 | 120 |
| Volume resistivity Surface resistivity | Ω.cm Ω | IEC 60093 | 1×10 ¹⁵ 1×10 ¹⁵ |
| Flammability | 0.8mmt | UL 94 | V0 |
| Mold shrinkage | % | 50×80×3 mmt | 0.2-0.5 |
| | | | |
| MOLDING CONDITION | °C | Drying Melt Temperature Mold Temperature | 110×4Hrs 270-300 80 ~120 |
| | % | Inject. Pressure Inject. Velocity | 40 ~70 20 ~60 |

- All property values shown in this data sheet are the representative values and not minimum value of this material.

098 338 0198