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Product Information

NYLOY[®] UB-0010N G50L2N

• High Temp. Nylon • Glass Fiber Reinforced • Natural

| PROPERTY | METHOD | UNIT | RESULT | |
|--|----------------|-------------------|--------|------|
| MECHANICAL | | | | |
| Tensile Strength | ISO 527 | MPa | 220 | |
| Tensile Modulus | ISO 527 | MPa | - | |
| Elongation | ISO 527 | % | 2 | |
| Flexural Strength | ISO 178 | MPa | 320 | |
| Flexural Modulus | ISO 178 | MPa | 14300 | |
| Charpy Impact, Notched 23° C | ISO 179 | kJ/M ² | 14 | |
| THERMAL | | | | |
| Heat Deflection Temp (18.6kg/cm ²)(1.82MPa) | ISO 75 | °C | 245 | |
| OTHER | | | | |
| Ash Contents | ISO 3451 | % | GF 50 | |
| Flammability | UL-94 | 1.6mm | - | |
| | UL-94 | 0.8mm | - | |
| Density | ISO 1183 | g/cm ³ | 1.58 | |
| PHYSICAL | | | | |
| Mold Shrinkage | ISO 294-4 | | - | |
| | | Normal | % | 0.46 |
| | | Parallel | % | 0.29 |
| FLAMMABILITY | | | | |
| Glow Wire Test(GWFI) | IEC 60695-2-12 | 2.0mm | - | |
| Glow Wire Test(GWIT) | IEC 60695-2-13 | 2.0mm | - | |
| REMARK | | | | |
| (1)This data is for reference only. | | | | |