

Niuk YPC5008

Acetal (POM) Copolymer

Shanghai Niuk New Plastic Technology Co., Ltd.

Message:

Niuk YPC5008 is an Acetal (POM) Copolymer material filled with 20% glass fiber. It is available in Asia Pacific. Primary attribute of Niuk YPC5008: Flame Rated.

| General Information | | | |
|--------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,20% Filler by Weight | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.53 | g/cm ³ | ISO 1183 |
| Molding Shrinkage | 0.50 to 0.90 | % | ISO 2577 |
| Ash Content | 20 | % | ISO 3451 |
| Heat Deflection Temperature | 160 | °C | ISO 75-2 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress | 105 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 2.0 to 5.0 | % | ISO 527-2 |
| Flexural Modulus | 6400 | MPa | ISO 178 |
| Flexural Stress | 145 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | 62 | kJ/m ² | ISO 179 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 155 | °C | ISO 306 |
| Flammability | Nominal Value | Test Method | |
| Flame Rating | HB | UL 94 | |

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