

ForTii® CX33

PPA-GF50

50% Glass Reinforced, PA4T, Chemical resistant to a wide range of chemicals, Low Warpage

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ForTii® CX33 has excellent processability, very good chemical resistance, very high part strength up to 120°C and excellent surface quality and is ideally suited for demanding industrial applications.

| Properties | Typical Data | Unit | Test Method |
|---|---------------|-------------------|----------------|
| Rheological properties | | | |
| | dry / cond | | |
| Molding shrinkage (parallel) | 0.2 / * | % | ISO 294-4 |
| Molding shrinkage (normal) | 0.7 / * | % | ISO 294-4 |
| Mechanical properties | | | |
| | dry / cond | | |
| Tensile modulus | 17500 / 17500 | MPa | ISO 527-1/-2 |
| Stress at break | 280 / 280 | MPa | ISO 527-1/-2 |
| Strain at break | 2.6 / 2.6 | % | ISO 527-1/-2 |
| Charpy notched impact strength (+23°C) | 15 / - | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| | dry / cond | | |
| Melting temperature (10°C/min) | 315 / * | °C | ISO 11357-1/-3 |
| Temp. of deflection under load (1.80 MPa) | 295 / * | °C | ISO 75-1/-2 |