

ForTii® CX33

PPA-GF50

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

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
Other properties			
	dry / cond		
Humidity absorption	1.6 / *	%	Sim. to ISO 62
Density	1620 / -	kg/m ³	ISO 1183

