

ForTii® MX3T

PPA-GF50

50% Glass Reinforced, PA4T, Heat Stabilized, for Structural Parts

ForTii® MX3T is a dimensional stable PPA, designed to replace metal in structural parts that need high performance from -35°C up to 120°C, even in aggressive environments (oil, road salt, fuel, etc.).

Properties	Typical Data	Unit	Test Method
Mechanical properties	dry / cond		
Tensile modulus	17500 / -	MPa	ISO 527-1/-2
Stress at break	260 / -	MPa	ISO 527-1/-2
Strain at break	2.4 / -	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	13 / -	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond		
Melting temperature (10°C/min)	325 / *	°C	ISO 11357-1/-3
Other properties	dry / cond		
Density	1600 / -	kg/m ³	ISO 1183

