

Stanyl® ECO280F10

PA*-GF50

50% Glass Reinforced

Sustainability

Bio-based – 14C measurable

Properties	Typical Data	Unit	Test Method
Mechanical properties	dry / cond		
Tensile modulus	15000 / -	MPa	ISO 527-1/-2
Stress at break	240 / -	MPa	ISO 527-1/-2
Strain at break	3 / -	%	ISO 527-1/-2
Flexural modulus	13000 / -	MPa	ISO 178
Flexural strength	370 / -	MPa	ISO 178
Charpy notched impact strength (+23°C)	16 / -	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond		
Melting temperature (10°C/min)	290 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	240 / *	°C	ISO 75-1/-2
Electrical properties	dry / cond		
Relative permittivity (1GHz)	3.5 / -	-	IEC 60250
Other properties	dry / cond		
Humidity absorption	1.4 / *	%	Sim. to ISO 62
Density	1490 / -	kg/m ³	ISO 1183

