

Stanyl® TW261F2

PA46–GF10

10% Glass Reinforced, Heat Stabilized

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES			
	DRY / COND		
Tensile modulus	4500 / –	MPa	ISO 527–1/–2
Stress at break	115 / –	MPa	ISO 527–1/–2
Strain at break	4 / –	%	ISO 527–1/–2
Flexural modulus	4000 / –	MPa	ISO 178
Flexural strength	160 / –	MPa	ISO 178
Charpy notched impact strength (+23°C)	8 / –	kJ/m²	ISO 179/1eA
THERMAL PROPERTIES			
	DRY / COND		
Melting temperature (10°C/min)	295 / *	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	280 / *	°C	ISO 75–1/–2
OTHER PROPERTIES			
	DRY / COND		
Humidity absorption	3.1 / *	%	Sim. to ISO 62
Density	1220 / –	kg/m³	ISO 1183

