

Stanyl[®] TW261F2

PA46–GF10

10% Glass Reinforced, Heat Stabilized

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<i>MECHANICAL PROPERTIES</i>			
	<i>DRY / COND</i>		
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/m ²	ISO 179/1eA
<i>THERMAL PROPERTIES</i>			
	<i>DRY / COND</i>		
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
<i>OTHER PROPERTIES</i>			
	<i>DRY / COND</i>		
Humidity absorption	3.1 / *	%	Sim. to ISO 62
Density	1220 / –	kg/m ³	ISO 1183