

Stanyl® TE210F2

PA46-GF10 FR

10% Glass Reinforced, Heat Stabilized, Flame Retardant

Properties	Typical Data	Unit	Test Method
Mechanical properties			
	dry / cond		
Tensile modulus	6000 / -	MPa	ISO 527-1/-2
Stress at break	100 / -	MPa	ISO 527-1/-2
Strain at break	3.1 / -	%	ISO 527-1/-2
Izod notched impact strength (+23°C)	6.5 / -	kJ/m ²	ISO 180/1A
Thermal properties			
	dry / cond		
Melting temperature (10°C/min)	295 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	276 / *	°C	ISO 75-1/-2
Burning Behav. at 3.0 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Thickness tested	3 / *	mm	IEC 60695-11-10
UL recognition	Yes / *	-	-
Relative Temperature Index - electrical	140	°C	UL746B
RTI electrical (Thickness (1) tested)	0.8	mm	UL746B
Other properties			
	dry / cond		
Density	1500 / -	kg/m ³	ISO 1183

