

Stanyl® TW250F6

PA46-GF30 FR(17)

Rinforzato con 30% di fibre di vetro, Stabilizzato al calore,
Autoestinguento

Proprietà	Dati tipici	Unità	Metodo test
Proprietà Reologiche			
	sec / cond		
Ritiro di stampaggio (longitudinale)	0.4/*	%	Sim. to ISO 294-4
Ritiro di stampaggio (trasversale)	1.1/*	%	Sim. to ISO 294-4
Proprietà Meccaniche			
	sec / cond		
Modulo a trazione	12000/8000	MPa	ISO 527-1/-2
Modulo a trazione (120°C)	7500	MPa	ISO 527-1/-2
Modulo a trazione (160°C)	6200	MPa	ISO 527-1/-2
Carico unitario a rottura	180/125	MPa	ISO 527-1/-2
Carico unitario a rottura (120°C)	105	MPa	ISO 527-1/-2
Carico unitario a rottura (160°C)	95	MPa	ISO 527-1/-2
Deformazione a rottura	2.5/3.5	%	ISO 527-1/-2
Deformazione a rottura (120°C)	4	%	ISO 527-1/-2
Deformazione a rottura (160°C)	4	%	ISO 527-1/-2
Modulo di rigidità a flessione	11000/7300	MPa	ISO 178
Modulo di rigidità a flessione (120°C)	6500	MPa	ISO 178
Modulo di rigidità a flessione (160°C)	5000	MPa	ISO 178
Resistenza all'urto Charpy (+23°C)	60/60	kJ/m ²	ISO 179/1eU
Resistenza all'urto Charpy(-30°C)	50/50	kJ/m ²	ISO 179/1eU
Resist. urto Charpy con intaglio(+23°C)	11/11	kJ/m ²	ISO 179/1eA
Resist. urto Charpy con intaglio(-30°C)	10/10	kJ/m ²	ISO 179/1eA
Resist. urto Izod con intaglio (+23°C)	11/11	kJ/m ²	ISO 180/1A
Resist. urto Izod con intaglio (-40°C)	11/11	kJ/m ²	ISO 180/1A
Proprietà Termiche			
	sec / cond		
Temperatura di fusione	295/*	°C	ISO 11357-1/-3
Temp.di inflessione sotto carico (1.8 MPa)	290/*	°C	ISO 75-1/-2
Coeff.di dilatazione termica lin. (parallelo)	0.25/*	E-4/°C	ISO 11359-1/-2
Coeff.di dilatazione termica lin. (perpend.)	0.55/*	E-4/°C	ISO 11359-1/-2
Reaz. al fuoco spess.nom. 1.5mm	V-0/*	class	IEC 60695-11-10
Spessore provato	1.5/*	mm	IEC 60695-11-10

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Dati Proprietà

Stanyl® TW250F6

Proprietà	Dati tipici	Unità	Metodo test
Omologazione UL	UL/*	-	-
Reazione al fuoco a spessore h (ISO 1210)	V-0/*	class	IEC 60695-11-10
Spessore provato	0.75/*	mm	IEC 60695-11-10
Omologazione UL	UL/*	-	-
Indice termico 5000 ore	177	°C	IEC 60216/ISO 527-1/-2
Proprietà Elettriche	sec / cond		
Resistività volumica	1E12/1E6	Ohm*m	IEC 60093
Rigidità dielettrica	30/-	kV/mm	IEC 60243-1
Res. alle correnti striscianti superficiali	175/-	-	IEC 60112
Altre Proprietà	sec / cond		
Assorbimento d'umidità	1.6/*	%	Sim. to ISO 62
Massa volumica	1680/-	kg/m ³	ISO 1183

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