



Stanyl

TE250F8 - 00001 物性指标

40% 玻纤增强，阻燃，应用在电子电器行业

物性指标	单位	ISO/IEC	DIN	牌号 TE250F8
常规性能				
密度	g/cm ³	ISO 1183	53479	1,77
熔点	°C	ISO 3146		295
热性能				
HDT-A (1.8 MPa)	°C	ISO 75-1	53461	290
峰值温度 (1min.)	°C	UL 746B		-
连续使用温度	°C	IEC 60216		163
- 5000 小时				163
线性热膨胀系数	E-4/K	DIN 53752		
- // (23-55°C)				0,2
- ⊥ (23-55°C)				0,8
电气性能				
RTI 电气性能	°C,mm	UL 746B		*
绝缘系数	-	UL 1446		H
燃烧(厚度)	等级(mm)	UL 94		V-0 (0.8)
抗电弧径迹指数 (CTI)	PLC	IEC 60112		2
介电强度	kV/mm	IEC 60243-1		
- 干态 (23°C)				30
- 调湿后 (23°C/50%RH)				20
体电阻率	Ohm.cm	IEC 60093		
- 干态(23°C)				1E+15
- 调湿后 (23°C/50%RH)				1E+10
机械性能				
艾佐冲击(缺口)	kJ/m ²	ISO 180-1A		
- 干态 (23°C)				12
- 调湿后 (23°C/50%RH)				14
拉伸强度	MPa	ISO 527-1	53455	
- 干态 (23°C)				180
- 调湿后 (23°C/50%RH)				130
拉伸模量	MPa	ISO 527-1	53457	
- 干态 (23°C)				14500
- 调湿后 (23°C/50%RH)				12000
断裂伸长	%	ISO 527-1	53455	
- 干态 (23°C)				1,7
- 调湿后 (23°C/50%RH)				2,5
尺寸特性				
成型收缩	%	DSM		
- //				0,3
- ⊥				0,9
吸湿 (23°C/50%RH平衡时)	%	ISO 62		1,3

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