RILSAN®
HT CSR13

PA11/10T,CF13,MHL, C16-080

Rilsan® HT CSR 13
是一种采用可再生材料制成的柔性聚邻苯二甲酰胺。该为玻纤增强产品，适用于有静电耗散要求的高温应用，用于注塑。
依据ASTM D 6866，可再生碳含量为52%.

性能	干 / 已调节	单位	测试标准
流变性能			
熔体体积流动速度	12 / *	cm³/10min	ISO 1133
温度	275 / *	°C	-
	527 / *	°F	
载荷	2.16 / *	kg	-
	4.76 / *	lb	
模塑收缩率, 平行	0.3 / *	%	ISO 294-4, 2577
模塑收缩率, 垂直	0.6 / *	%	ISO 294-4, 2577
机械性能			
拉伸模量	- / 7600	MPa	ISO 527-1/-2
	- / 1.1E6	psi	
断裂应力	- / 151	MPa	ISO 527-1/-2
	- / 21900	psi	
断裂伸长率	- / 2	%	ISO 527-1/-2
简支梁冲击强度, +23°C	- / 40	kJ/m²	ISO 179/1eU
	- / 19	ftlb/in²	
简支梁冲击强度, -30°C	- / 32	kJ/m²	ISO 179/1eU
	- / 15.2	ftlb/in²	
简支梁缺口冲击强度, +23°C	- / 5	kJ/m²	ISO 179/1eA
	- / 2.38	ftlb/in²	
简支梁缺口冲击强度, -30°C	- / 4	kJ/m²	ISO 179/1eA
	- / 1.9	ftlb/in²	
热性能			
熔融温度, 10°C/min	255 / *	°C	ISO 11357-1/-3
热变形温度, 1.80 MPa	195 / *	°C	ISO 75-1/-2
	383 / *	°F	
热变形温度, 0.45 MPa	235 / *	°C	ISO 75-1/-2
	455 / *	°F	
其它性能			
%Bio-Based	52	-	ASTM D6866

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Source: automatically generated TDS from Material Database on 20-02-2024

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密度	1150 / 1150	kg/m³	ISO 1183
	1.15 / 1.15	g/cm³	

主要应用
—传导性汽车和& 运输快速连接件
包装
该牌号出厂时已干燥并密封包装（25公斤袋装），可直接进行加工。
保质期
自发货之日起2年。任何与过期使用的相关事宜，请咨询我司技术服务人员。
加工条件
—推荐熔融温度（最小值/建议值/最大值）：270℃ / 280℃/ 320℃。
—推荐成型温度：80 - 110℃。
—干燥时间和温度（只有包装袋打开2小时以上时才有必要干燥）：4—8小时/ 100 - 110℃。

加工方法

注塑

供货形式

粒料

特殊性能

生物基, 导电

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