

CAMPUS® 数据表



VALOX™ FR Resin ENH4565 - PBT-GF33 FR
SABIC

材料文字说明

VALOX ENH4565 is a 33% glass reinforced, non-chlorinated/brominated flame retardant Polybutylene Terephthalate (PBT) injection moldable grade with excellent chemical resistance. It has a UL94V0@0.75mm flame rating. This is a good candidate for a variety of applications needing a sustainable FRPBT solution.

流变性能	价值	单位	测试标准
熔体体积流动速度, MVR	20	cm ³ /10min	ISO 1133
温度	265	°C	ISO 1133
负荷	5	kg	ISO 1133
机械性能	价值	单位	测试标准
拉伸模量	11500	MPa	ISO 527-1/-2
屈服应力	140	MPa	ISO 527-1/-2
屈服伸长率	2.4	%	ISO 527-1/-2
撕裂强度	14	kN/m	ISO 34-1
热性能	价值	单位	测试标准
厚度为h时的燃烧性	V-0	class	IEC 60695-11-10
测试用试样的厚度	0.8	mm	IEC 60695-11-10
厚度为h时的5V燃烧性	5VB	class	IEC 60695-11-20
测试用试样的厚度	3.0	mm	IEC 60695-11-20
其它性能	价值	单位	测试标准
吸水性	0.23	%	类似ISO 62
吸湿性	0.06	%	类似ISO 62
密度	1610	kg/m ³	ISO 1183
模塑测量的特殊性能	价值	单位	测试标准
悬臂梁缺口冲击强度 (-30° C), 4mm	14	kJ/m ²	ISO 180/1A

典型数据

加工方法

注塑

地区供应

北美, 欧洲, 亚太

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