

# CAMPUS® 数据表



CYCOLOY™ FR CX2142ME - (PC+ABS) FR  
SABIC

## 材料文字说明

CYCOLOY CX2142ME Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS) blend is an injection moldable, high flow, non chlorinated/brominated flame retardant grade. It has a UL94 V0@1.2mm and 5VB@2.0mm flame rating. This grade has improved chemical resistance compared to standard PC/ABS blends and is a good candidate for thin wall applications.

流变性能	价值	单位	测试标准
熔体体积流动速度, MVR	21	cm³/10min	ISO 1133
温度	260	°C	ISO 1133
负荷	2.16	kg	ISO 1133
机械性能	价值	单位	测试标准
拉伸模量	2700	MPa	ISO 527-1/-2
屈服应力	61	MPa	ISO 527-1/-2
屈服伸长率	4	%	ISO 527-1/-2
热性能	价值	单位	测试标准
热变形温度, 1.80 MPa	84	°C	ISO 75-1/-2
维卡软化温度, 50°C/h 50N	102	°C	ISO 306
厚度为h时的燃烧性	V-0	class	IEC 60695-11-10
测试用试样的厚度	1.2	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	2.0	mm	IEC 60695-11-20
其它性能	价值	单位	测试标准
吸水性	0.2	%	类似ISO 62
吸湿性	0.1	%	类似ISO 62
密度	1190	kg/m³	ISO 1183

## 典型数据

### 加工方法

注塑

### 地区供应

北美, 欧洲, 亚太

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