ZENITE® DEV 55206 (PRELIMINARY)

Liquid Crystal Polymer

产品信息

树脂鉴别	LCP	ISO 1043
制品标识码	>LCP<	ISO 11469

流变性能

模塑收缩率, 平行	0.3 %	ISO 294-4, 2577
模塑收缩率, 垂直	0.5 %	ISO 294-4, 2577

机械性能

拉伸模量	14500 MPa	ISO 527-1/-2
拉伸断裂应力, 5mm/min	75 MPa	ISO 527-1/-2
断裂伸长率, 5mm/min	1 %	ISO 527-1/-2
弯曲模量	15200 MPa	ISO 178
弯曲强度	120 MPa	ISO 178

热性能

熔融温度, 10°C/min	318 °C	ISO 11357-1/-3
热变形温度, 1.8 MPa	272 °C	ISO 75-1/-2

阻燃性能

厚度为h时的阻燃性	V-0 class	IEC 60695-11-10
测试用试样的厚度	0.4 mm	IEC 60695-11-10

电性能

相对介电常数, 2GHz	4.96	IEC 61189-2-721
介质损耗因子, 2GHz	62 E-4	IEC 61189-2-721

其它性能

密度	1830 kg/m³	ISO 1183

注塑

建议干燥	是
干燥温度	150 °C
干燥时间，除湿干燥机	4 - 6 h
加工前水分含量	≤ 0.01 %
最低熔体温度***	330 °C
最高熔体温度	380 °C
最低模具温度	60 °C
最高模具温度	120 °C

特性

加工方法	注塑
特殊性能	热稳定, 高流动性, 低翘曲

Celanese
The chemistry inside innovation™

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The above data are preliminary and are subject to change as additional data are developed on subsequent lots.
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