

EL-Pro™ P740J

抗冲击共聚聚丙烯

SCG Chemicals Co., Ltd.

PROSPECTOR®

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Technical Data

产品说明

EL-Pro™ P740J 是一种 聚丙烯冲击共聚物(PP Impact Copoly) 材料。可在 北美洲或亚太地区 中获得，价格为 注射成型。

EL-Pro™ P740J 的重要属性有：

- 阻燃/额定火焰
- 高刚度
- 共聚物
- 加工性能良好
- 可接触食品

典型应用包括：

- 电气/电子应用
- 工程/工业配件
- 汽车行业
- 食品接触应用

总体

材料状态	• 已商用：当前有效		
资料 ¹	• Technical Datasheet (English)		
搜索 UL 黄卡	• EL-Pro™		
供货地区	• 北美洲	• 亚太地区	
性能特点	• 刚性，高 • 抗冲击共聚物	• 抗撞击性，良好 • 可加工性，良好	• 食品接触的合规性
用途	• 电气部件	• 工业配件	• 汽车领域的应用：
机构评级	• FDA 21 CFR 177.1520		
形式	• 颗粒料		
加工方法	• 注射成型		

物理性能	额定值	单位制	测试方法
密度	0.910 g/cm³		ASTM D1505
熔速率 (230°C/2.16 kg)	27 g/10 min		ASTM D1238
收缩率			ASTM D955
流动：2.00 mm	1.4 %		
横向流动：2.00 mm	1.2 %		
机械性能	额定值	单位制	测试方法
抗张强度 - 横向流量 ³			ASTM D638
屈服	28.4 MPa		
断裂	19.6 MPa		
伸长率 ^{3, 4} (断裂)	150 %		ASTM D638
弯曲模量	1270 MPa		ASTM D790
冲击性能	额定值	单位制	测试方法
悬壁梁缺口冲击强度			ASTM D256
-20°C	29 J/m		
0°C	39 J/m		
23°C	78 J/m		
硬度	额定值	单位制	测试方法
洛氏硬度 (R 计秤)	70		ASTM D785
热性能	额定值	单位制	测试方法
热变形温度			ASTM D648
0.45 MPa, 未退火	110 °C		
1.8 MPa, 未退火	55.0 °C		
脆化温度	-20.0 °C		ASTM D746
维卡软化温度	150 °C		ASTM D1525

1 / 3



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上次更新：2007/12/10

热性能	额定值 单位制	测试方法
熔融温度	120 到 163 °C	ASTM D2117
可燃性	额定值 单位制	测试方法
UL 阻燃等级	HB	UL 94
光学性能	额定值 单位制	测试方法
光泽度	30	ASTM D2457
雾度	80 %	ASTM D1003
注射	额定值 单位制	
加工 (熔体) 温度	230 到 270 °C	
模具温度	25.0 到 70.0 °C	
注射速度	快速	
螺杆转速	40 到 70 rpm	
注射说明		
Injection Pressure: 40 to 80% of max. pressure		
Packing and Holding Pressure: 30 to 60% of max. pressure		
Back Pressure: 10% of max. pressure		

备注

- ¹ 通过这些链接您能够访问供应商资料。我们尽量保证及时更新资料；不过您可以从供应商处了解最新资料。
- ² 一般属性：这些不能被视为规格。
- ³ 50 mm/min
- ⁴ Across Flow



购买地点

供应商

SCG Chemicals Co., Ltd.
Bangkok, Thailand
电话: 66-2586-4184
Web: <http://www.scgchemicals.co.th/>

分销商

Calsak Polymers
电话: 800-743-2595
Web: <http://www.calsakpolymers.com/>
供货地区: North America



PROSPECTOR®

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– Birgit Elvardt Bader, Production Manager, Micotron

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– Kevin Chase, Owner & President, Chase Plastics



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