

Technical Data

产品说明

CAPILENE® U 77 A is a polypropylene homopolymer intended for injection molding.

CAPILENE® U 77 A features: nucleating and antistatic additives, high flow, high stiffness and short molding cycle time.

CAPILENE® U 77 A is suitable for: thin walled packaging items, products with long flow length, household articles, toys and food packaging containers.

总体

材料状态	• 已商用：当前有效		
资料 ¹	• Technical Datasheet - ASTM (English) • Technical Datasheet - ISO (English)		
供货地区	• 非洲和中东	• 欧洲	• 亚太地区
添加剂	• 成核剂	• 抗静电性	
性能特点	• 刚性，高 • 均聚物	• 抗静电性 • 流动性高	• 生产阶段，快 • 有核
用途	• 薄壁包装 • 家用货品	• 食品包装 • 食品容器	• 玩具
机构评级	• EC 1907/2006 (REACH)		
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
熔速率 (230°C/2.16 kg)	35 g/10 min		ASTM D1238 ISO 1133
机械性能	额定值	单位制	测试方法
抗张强度			
屈服 ³	36.0 MPa		ASTM D638
屈服	36.0 MPa		ISO 527-2/50
伸长率			
屈服 ³	11 %		ASTM D638
屈服	9.0 %		ISO 527-2/50
弯曲模量			
--	1800 MPa		ASTM D790
-- ⁴	1800 MPa		ISO 178
冲击性能	额定值	单位制	测试方法
悬壁梁缺口冲击强度			
23°C	25 J/m		ASTM D256
23°C	2.5 kJ/m²		ISO 180
热性能	额定值	单位制	测试方法
热变形温度			
0.45 MPa, 未退火	110 °C		ASTM D648
0.45 MPa, 未退火	100 °C		ISO 75-2/B
维卡软化温度	155 °C		ISO 306/A ASTM D1525 ⁵

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 5.0 mm/min

⁵ 压力1 (10N)

Capilene® U 77 A

聚丙烯均聚物

Carmel Olefins Ltd.

购买地点

供应商

Carmel Olefins Ltd.

Haifa, Israel

电话: 972-4-8466911

Web: <http://www.carmel-olefins.co.il/>

分销商

GUZMAN GLOBAL S.L

电话: +34-963-992-400

Web: <http://www.grupoguzman.com/>

供货地区: Portugal, Spain

Plastribution

电话: +44-845-345-4560

Web: <http://www.plastribution.co.uk/>

供货地区: United Kingdom

Polymix

电话: +33-3-8920-1380

Web: <http://www.polymix.eu/>

供货地区: France



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– Kevin Chase, Owner & President, Chase Plastics



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