

Technical Data

产品说明

FCFC PP resin K8005 meets the requirements of FDA, RoHS and the certificates of environmental protection.

总体

材料状态	• 已商用：当前有效
资料 ¹	• Processing (English) • Technical Datasheet (English)
搜索 UL 黄卡	• Formosa Plastics Corporation • TAIRIPRO
供货地区	• 北美洲 • 欧洲 • 亚太地区
性能特点	• 食品接触的合规性
机构评级	• FDA 21 CFR 177.1520
加工方法	• 注射成型

物理性能	额定值 (英制)	额定值 (公制)	测试方法
比重	0.900	0.898 g/cm³	ASTM D792
熔流率 (230°C/2.16 kg)	5.0 g/10 min	5.0 g/10 min	ASTM D1238
收缩率 - 流动 (73°F (23°C))	0.014 到 0.018 in/in	1.4 到 1.8 %	Internal Method
机械性能	额定值 (英制)	额定值 (公制)	测试方法
抗张强度 (屈服, 73°F (23°C))	3700 psi	25.5 MPa	ASTM D638
伸长率 (断裂, 73°F (23°C))	> 200 %	> 200 %	ASTM D638
弯曲模量 (73°F (23°C))	164000 psi	1130 MPa	ASTM D790A
冲击性能	额定值 (英制)	额定值 (公制)	测试方法
悬壁梁缺口冲击强度			ASTM D256
-4°F (-20°C), 0.125 in (3.18 mm)	0.17 ft-lb/in	9.0 J/m	
73°F (23°C), 0.125 in (3.18 mm)	无断裂	无断裂	
硬度	额定值 (英制)	额定值 (公制)	测试方法
洛氏硬度 (R 计秤, 73°F (23°C))	85	85	ASTM D785
热性能	额定值 (英制)	额定值 (公制)	测试方法
热变形温度			ASTM D648
66 psi (0.45 MPa), 未退火, 0.250 in (6.35 mm)	239 °F	115 °C	
注射	额定值 (英制)	额定值 (公制)	
模具温度	86.0 到 122 °F	30.0 到 50.0 °C	
注塑温度	427 到 853 psi	2.94 到 5.88 MPa	

注射说明

Screw Temp: 180-230 °C

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。

购买地点

供应商

Formosa Plastics Corporation
Taipei, Taiwan
电话: +886-2-2712-2211
Web: <http://www.fpc.com.tw/>

分销商

请联系供应商以便为 TAIRIPRO K8005 查找分销商



Founded in 1986 and based in Laramie, Wyoming, IDES is now part of the UL family of companies. UL is a premier global independent safety science company with more than a century of proven history. Employing nearly 10,000 professionals in over 100 countries, UL has five distinct business units -- Product Safety, Environment, Life & Health, Knowledge Services and Verification Services -- to meet the expanding needs of our customers and to deliver on our public safety mission.



Prospector Plastics Database - www.ides.com/prospector

Prospector is a searchable online database that includes 85,000 data sheets from 875 manufacturers and 44,000 UL yellow cards. Each data sheet includes property, processing and supplier contact information. Prospector is relied on by nearly 400,000 design engineers and plastics processors. Using Prospector, they save time with plastic material selection by quickly and easily referencing technical information critical to the success of their products.

"Prospector is absolutely the best and most well-known search engine for plastic raw materials in the world. We use Prospector every day – it's a real time saver!"
– Birgit Elvardt Bader, Production Manager, Micotron

Power Searches

Property Search – select plastics by 500 key properties and design parameters.

Alternative Resins Search – find replacement plastics within minutes.

Automotive Plastics Search – easily locate automotive approved plastics.

Curve Data – view, overlay and export curve data.



Material Data Management – www.ides.com/datasheets

With our data management services, plastic suppliers and distributors can have custom search interfaces available on their website for their customers, website visitors, sales and customer service teams. These provide intuitive ways to find and view technical data sheets for their products.

"With UL IDES data services, our website now displays the most current information on the products we distribute and links to our backend RFQ and sales order system, adding both value and service for our customers."
– Kevin Chase, Owner & President, Chase Plastics



Advertising – www.ides.com/advertise

Reach 365,000 pre-qualified plastics professionals and generate leads with proven techniques. Electronic newsletter insertions, sponsored webinars and powerful online ads are available to make the most of your lead-generation program.

For more information, call: 800.788.4668 or 307.742.9227 ext. 220