

Technical Data

总体

材料状态	• 已商用：当前有效
资料 ¹	<ul style="list-style-type: none"> Processing - Injection Molding (English) Processing - Material Handling (English) Technical Datasheet (English)
UL 黄卡 ²	• E47960-100686901
搜索 UL 黄卡	<ul style="list-style-type: none"> DSM Engineering Plastics Stanyl®
供货地区	• 北美洲 • 欧洲 • 亚太地区
添加剂	• 热稳定剂 • 阻燃
性能特点	• 导热 • 热稳定性 • 阻燃性能
RoHS 合规性	• RoHS 合规

物理性能	额定值 单位制	测试方法
密度	1.52 g/cm³	ISO 1183
收缩率		ISO 294-4
横向流量	0.70 %	
流量	0.60 %	
机械性能	额定值 单位制	测试方法
拉伸模量	5100 MPa	ISO 527-2
拉伸应力 (断裂)	55.0 MPa	ISO 527-2
拉伸应变 (断裂)	2.0 %	ISO 527-2
冲击性能	额定值 单位制	测试方法
简支梁缺口冲击强度 (23°C)	2.0 kJ/m²	ISO 179/1eA
悬臂梁缺口冲击强度 (23°C)	2.0 kJ/m²	ISO 180/1A
热性能	额定值 单位制	测试方法
线形膨胀系数		ISO 11359-2
流动	0.000048 cm/cm/°C	
横向	0.000048 cm/cm/°C	
导热系数		ASTM E1461
-- 4	0.50 W/m/K	
-- 5	1.0 W/m/K	
电气性能	额定值 单位制	测试方法
体积电阻率	1.0E+15 ohm·cm	IEC 60093
耐电强度	30 kV/mm	IEC 60243-1
漏电起痕指数	225 V	IEC 60112
可燃性	额定值 单位制	测试方法
可燃性等级		IEC 60695-11-10, -20
0.750 mm	V-0	
1.50 mm	V-0	

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 UL 黄卡含有 UL 验证的易燃性和电气特性。UL IDES 持续努力在 Prospector 中将黄卡链接至单个塑料材料，然而此列表可能未包括所有相应链接。重要的是，我们对 Prospector 中找到的这些黄卡和塑料材料之间的关联进行验证。如需完整的黄卡列表，请访问 UL 黄卡搜索。

³ 一般属性：这些不能被视为规格。

⁴ Through Plane

⁵ In Plane

购买地点

供应商

DSM Engineering Plastics

Evansville, IN USA

电话: 800-333-4237

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

分销商

Channel Prime Alliance

电话: 800-247-8038

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

可用性: North America

Chase Plastic Services, Inc.

Chase Plastics Services is a North American distributor with representatives throughout the region. Please find your rep here:

<http://www.chaseplastics.com/contact/locations>

电话: 800-232-4273

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

可用性: North America

Nexeo Solutions - Europe

Nexeo Solutions is a Pan European distribution company. Contact Nexeo for availability of individual products by country.

电话: +34-93-480-9125

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

可用性: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland, United Kingdom

RESINEX Group

RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.

电话: +32-14-672511

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

可用性: Europe

TER HELL PLASTIC GMBH

TER HELL PLASTIC is a Pan European distribution company. Contact TER HELL PLASTIC for availability of individual products by country.

电话: +49-232-3941-0

Web: <http://www.terhell.de/>

可用性: Europe



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

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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



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