

Grilamid® XE 3976 black 9992

聚酰胺610

EMS-GRIVORY



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Technical Data

总体

材料状态	• 已商用：当前有效		
资料 ¹	• Technical Datasheet (English) • Processing - Injection (German)		
搜索 UL 黄卡	• EMS-GRIVORY • Grilamid®		
供货地区	• 北美洲 • 非洲和中东	• 南美洲 • 欧洲	• 亚太地区 • 中美洲
性能特点	• 可更新资源		
用途	• 电气/电子应用领域 • 动力/其它工具 • 工程配件 • 工业领域： • 家电部件	• 家用货品 • 连接器 • 气动应用 • 汽车领域的应用： • 汽车内部零件	• 汽车外部零件 • 体育用品 • 消费品应用领域 • 液压应用
RoHS 合规性	• RoHS 合规		
外观	• 黑色		
形式	• 颗粒料		
加工方法	• 注射成型		

物理性能	干燥	调节后的	单位制	测试方法
密度	1.33	--	g/cm ³	ISO 1183
收缩率				ISO 294-4
横向流量	0.80	--	%	
流量	0.20	--	%	
吸水率				ISO 62
饱和, 23°C	4.0	--	%	
平衡, 23°C, 50% RH	1.0	--	%	
机械性能	干燥	调节后的	单位制	测试方法
拉伸模量	9500	7000	MPa	ISO 527-2
拉伸应力 (断裂)	150	110	MPa	ISO 527-2
拉伸应变 (断裂)	4.0	6.0	%	ISO 527-2
冲击性能	干燥	调节后的	单位制	测试方法
简支梁缺口冲击强度				ISO 179/1eA
-30°C	8.0	8.0	kJ/m ²	
23°C	12	12	kJ/m ²	
简支梁缺口冲击强度				ISO 179/1eU
-30°C	65	65	kJ/m ²	
23°C	75	75	kJ/m ²	
硬度	干燥	调节后的	单位制	测试方法
球压硬度	185	140	MPa	ISO 2039-1
热性能	干燥	调节后的	单位制	测试方法
热变形温度				
1.8 MPa, 未退火	195	--	°C	ISO 75-2/A
8.0 MPa, 未退火	125	--	°C	ISO 75-2/C
最高使用温度				Internal Method
Long Term	100 到 130	--	°C	
Short Term	160	--	°C	
熔融温度 ³	222	--	°C	ISO 11357-3
电气性能	干燥	调节后的	单位制	测试方法
表面电阻率	--	1.0E+11	ohm	IEC 60093

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电气性能	干燥	调节后的	单位制	测试方法
体积电阻率	1.0E+12	1.0E+12	ohm·cm	IEC 60093
耐电强度	34	34	kV/mm	IEC 60243-1
漏电起痕指数	--	600	V	IEC 60112
可燃性	干燥	调节后的	单位制	测试方法
可燃性等级 (0.800 mm)	HB	--		IEC 60695-11-10, -20
补充信息	干燥	调节后的	单位制	测试方法
ISO Type	PA 610, MHR, 22-090, GF30	--		ISO 1874

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 10°C/min

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购买地点

供应商

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EMS-GRIVORY

Sumter, SC USA

电话: 803-481-6171

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

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分销商

Grilamid® XE 3976 black 9992

Entec Polymers

电话: 800-375-5440

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

可用性: North America

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

可用性: North America



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– Kevin Chase, Owner & President, Chase Plastics



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