

Hepia® H6000 T

Material Description:

Hepia® H6000 T 是一种含有脱模剂，改性的聚碳酸酯材料。材料特点包括:卓越的韧性、水解稳定性、耐低温和耐化学性。

General	
材料状态	<ul style="list-style-type: none"> 商业: 激活
供应地区	<ul style="list-style-type: none"> 亚太地区 欧洲 中东 北美 拉丁美洲 非洲
添加剂	<ul style="list-style-type: none"> 脱模剂
特点	<ul style="list-style-type: none"> 共聚物 水解稳定 高透明 耐化学 符合食品接触 耐低温 抗冲击 成型周期快 耐热性良好 加工性良好
用途	<ul style="list-style-type: none"> 家用电器 工业用品 生活用品
RoHS 合规	<ul style="list-style-type: none"> 符合RoHS
加工方法	<ul style="list-style-type: none"> 注塑成型

物理性能	Typical Value	Unit	Test Method
密度/比重	1.17	g/cm ³	ASTM D792
成型收缩率 - 流动 (3.20 mm)	0.5 to 0.7	%	ASTM D955

硬度	Typical Value	Unit	Test Method
洛氏硬度 (R-Scale)	115		ASTM D785

机械性能	Typical Value	Unit	Test Method
拉伸弹性模量			
23°C	1660	MPa	ASTM D638
23°C	1685	MPa	ISO 527-2
拉伸强度			
屈服, 23°C	44.3	MPa	ASTM D638
屈服, 23°C	45.7	MPa	ISO 527-2
断裂, 23°C	54	MPa	ASTM D638
断裂, 23°C	49.8	MPa	ISO 527-2
伸长率			
屈服, 23°C	7.4	%	ASTM D638, ISO 527-2
断裂, 23°C	146	%	ASTM D638
断裂, 23°C	133	%	ISO 527-2
弯曲模量			
23°C	1640	MPa	ASTM D790
23°C	1562	MPa	ISO 178
弯曲强度			
屈服, 23°C	67	MPa	ASTM D790

冲击性能	Typical Value	Unit	Test Method
悬臂梁缺口冲击强度			
23°C	662	J/m	ASTM D256
-40°C	13	KJ/m ²	ISO 180
23°C	67.1	KJ/m ²	ISO 180
悬臂梁无缺口冲击强度 (23°C)	无断裂		ASTM D4812

光学性能	Typical Value	Unit	Test Method
透射率(总计)	89	%	ASTM D1003
雾度	< 1.0	%	ASTM D1003

热性能	Typical Value	Unit	Test Method
热变形温度-加载			ASTM D648
0.45 MPa,未退火	109	°C	
1.8 MPa, 未退火	92	°C	

加工信息	Typical Value	Unit	
干燥温度	88	°C	
干燥时间	4.0 to 6.0	hr	
加工(熔体) 温度	260 to 282	°C	
模具温度	38 to 66	°C	

NFD ADVANCED COMPOSITES

Hepla® H6000 T

CAUTION/警告!

Before using, read the Molding Guide, Material Safety Data Sheets, and Bulletins available from NFD Advanced Composites Sales offices and Distributors supplied to your company. Caution! During drying, purging and molding, small amounts of hazardous gases and/or particulate matter may be released. These may irritate eyes, nose and throat. Use adequate local exhaust ventilation during thermal processing. To prevent resin decomposition, do not contaminate the resin or exceed the recommended melt temperature or hold-up time. Avoid inhalation or skin and eyes contact. Sweep up and dispose of spilled resin to eliminate slipping hazard. 在使用之前, 请阅读NFD公司销售办事处和经销商提供给贵公司的材料成型指南、材料安全数据表和公告。警告! 在干燥、吹扫和成型过程中, 少量有害气体或颗粒物可能会在被释放, 这些可能会刺激眼睛, 鼻子和喉咙。热处理过程中请注意做好排气通风工作。为防止树脂分解, 请勿污染树脂或超过我们为您推荐熔融温度或时间。请避免吸入或与皮肤、眼睛等接触。清扫和处理溢出的树脂, 以消除滑到的危险。

LEGAL NOTICES/法律声明

The figures indicated here are approximate values. They may be affected by different factors, and the user is not released therefore from the obligation of performing checks and trials of his own. The values indicated here have been compiled on the basis of current tests and findings. Any legally binding guarantee of certain properties, or any suitability for a specific application can not be inferred from the present data. For detailed production regulatory information, contact customer service.

上列数据只作参考用途, 它们可能会受不同因素的影响, 使用者有责任通过实验自行确定材料特性。上述资料根据现有测试得出, 对物料特性是否适合某特殊用途及特性不能给予保证, 数据也没有任何法律约束力。更多有关详细的产品监管信息, 请联系客户服务

COMPANY/公司:

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感谢您访问新孚达 (NFD)! 我们秉承"New Formula Designer"的发展理念, 将科研创新与生产应用紧密相连, 无论您是设计师、工程师或者是采购专家, 我们都可以帮助您拓展业务并获得新的灵感。我们坚持诚信、合作、效率、创新的核心价值观, 始终把客户放在第一位。相比于我们的竞争对手, 我们专注于为您提供更先进的技术配方、更优质的产品, 更好的解决方案及更周到的售后服务, 我们懂市场、我们懂产品、我们更懂你们。

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