JUSHI

E6 332

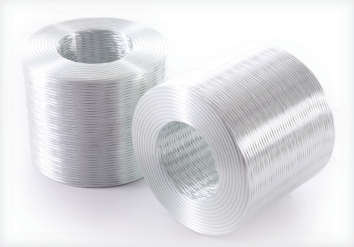
拉挤用直接无捻粗纱

Direct Roving for Pultrusion

产品说明 *Product Description*

332 直接无捻粗纱采用 E6 玻璃配方生产，表面涂覆硅烷基浸润剂，专为增强聚氨酯树脂而设计，适用于拉挤工艺和缠绕工艺。

332 产品与聚氨酯树脂复合后，其制品具有优异的机械性能和电性能，被广泛应用于电缆桥架、拉挤型材、高铁枕木等领域。



332 Direct Roving is produced by using E6 glass formulation and coated with a silane-based sizing. It is specially designed for reinforcing polyurethane resin, and suitable for pultrusion and winding processes.

The composites of polyurethane resin reinforced with 332 have excellent mechanical and electrical properties, and can be widely used in making cable bridges, pultruded profiles, high-speed railway sleepers, etc.

产品特点 *Product Features*

◎ 良好的工艺性能、毛羽少
◎ 与树脂结合性好、浸透效果佳
◎ 制品的机械性能优越
◎ 优异的耐酸腐蚀性

·Good process performance and low fuzz
·Good bonding with resins and fast wet-out
·Excellent mechanical properties
·Excellent acid corrosion resistance

规格代号 *Specification*

玻璃类型 *Glass type*	*E6*		
浸润剂类型 *Sizing type*	硅烷 *Silane*		
典型纤维直径 *Typical filament diameter (μm)*	*17*	*24*	*31*
典型线密度 *Typical linear density (tex)*	*600* *1200* *2400*	*2400* *4800*	*9600*
示例 *Example*	*E6DR24-2400-332*		

技术指标 *Technical Parameters*

项目 *Item*	线密度偏差 *Linear density variation (%)*	含水率 *Moisture content (%)*	可燃物含量 *Sizing content (%)*	断裂强度 *Breakage strength (N/tex)*
检测方法 *Test method*	*ISO 1889*	*ISO 3344*	*ISO 1887*	*ISO 3341*
指标 *Standard range*	*± 5 (< 600 tex)* *± 4 (≥ 600 tex)*	*≤ 0.07*	*0.45 ± 0.10*	*≥ 0.40 (< 4800 tex)* *≥ 0.35 (≥ 4800 tex)*
行业要求或国标 *Industry requirement or NS*	*± 5*	*≤ 0.15*	*± 0.2*	*≥ 0.35 (< 4800 tex)* *≥ 0.30 (≥ 4800 tex)*

机械性能 *Mechanical Properties*

机械性能 *Mechanical properties*	单位 *Unit*	实验值 *Value*	树脂 *Resin*	测试方法 *Test method*
弯曲强度 *Bending strength*	*MPa*	*1400*	*PU*	*ISO 3597*
弯曲模量 *Bending modulus*	*GPa*	*50*	*PU*	*ISO 3597*

以上数据为实验室针对E6DR24-2400-332产品的具体实验值，仅供参考。

The above data are actual experimental values for E6DR24-2400-332 and to be used for reference only.

使用说明 *Instructions*

◎ 本产品在12个月内使用最佳，使用前应保存在原包装内。
◎ 产品使用时注意防护，避免产品擦毛、损伤等情况。
◎ 使用前调理纱线的温湿度与环境温湿度平衡，使用时对环境温湿度进行适当控制。

·The product is best used within 12 months after production, and should be kept in the original package before use.
·Care should be taken when using the product to prevent it from being scratched or damaged.
·The temperature and humidity of the product should be conditioned to be close or equal to the ambient temperature and humidity before use, and the ambient temperature and humidity should be properly controlled during the use.

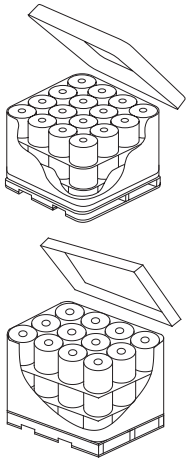
包装信息 *Packaging*

项目*Item*	单位*unit*	指标*Standard*			
典型包装方式 *Typical packaging method*	/	采用托盘包装 *Packed on pallets.*			
典型纱团高度 *Typical package height*	*mm (in)*	*260 (10.2)*			
纱团内径 *Package inner diameter*	*mm (in)*	*160 (6.3)*			
典型纱团外径 *Typical package outer diameter*	*mm (in)*	*280 (11.0)*		*310 (12.2)*	
典型纱团重量 *Typical package weight*	*kg (lb)*	*17 (37.5)*		*22 (48.5)*	
层数 *Number of layers*	层 *(layer)*	*3*	*4*	*3*	*4*
每层纱团个数 *Number of packages per layer*	个 *(pcs)*	*16*		*12*	
每托纱团个数 *Number of packages per pallet*	个 *(pcs)*	*48*	*64*	*36*	*48*
每托重量 *Net weight per pallet*	*kg (lb)*	*816 (1799.0)*	*1088 (2398.6)*	*792 (1746.1)*	*1056 (2328.1)*
托盘长度 *Pallet length*	*mm (in)*	*1140 (44.9)*		*1270 (50.0)*	
托盘宽度 *Pallet width*	*mm (in)*	*1140 (44.9)*		*960 (37.8)*	
托盘高度 *Pallet height*	*mm (in)*	*940 (37.0)*	*1200 (47.2)*	*940 (37.0)*	*1200 (47.2)*

贮 存 *Storage*

在没有特殊要求的情况下，玻璃纤维产品应贮存在干燥、阴凉的地方，防止受潮。最佳存储条件为温度 -10℃～ 35℃, 相对湿度≤80%。为确保安全，避免损坏产品，托盘的堆码高度不应超过三层。当堆放两层或三层高时，要求正确地、平稳地移动上面的托盘。

Unless otherwise specified, the fiberglass products should be stored in a dry,cool and moisture proof area.The best temperature and humidity should be maintained at -10℃~35℃ and ≤80% respectively. To ensure safety and avoid damage to the product, the pallets should be stacked not more than three layers high. When the pallets are stacked in two or three layers, special care should be taken to correctly and smoothly move the upper pallet.



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