



南京海拓复合材料有限责任公司
NANJING HITECH COMPOSITES CO., LTD.

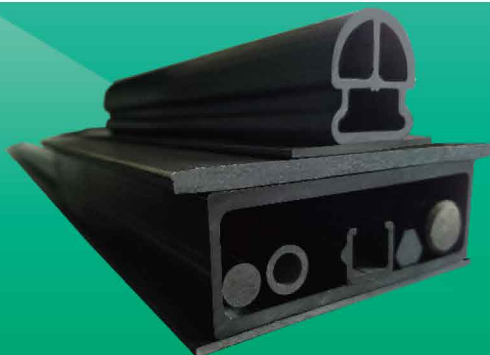
Pultruded Composite Materials Series Products Catalogue

拉挤复合材料系列产品册



Carbon Fiber Pultruded Composite Material

碳纤维拉挤复合材料



主要特点

Main Features

- 密度小、质量轻: 密度仅为钢材的1/5。
Low density, light weight: the density is only 1/5 of steel.
- 强度、弹性模量高, 抗拉强度比钢材大4-5倍, 弹性回复为100%。
High strength and elastic modulus: tensile strength is 4-5 times higher than steel, and elasticity can recover to 100%.
- 耐腐蚀性能优异, 长期蠕变小。
Excellent corrosion resistance and low long-term creep.
- 抗疲劳性能优异。
Excellent fatigue resistance.

主要应用

Main Application

风力发电叶片
Wind turbine blade



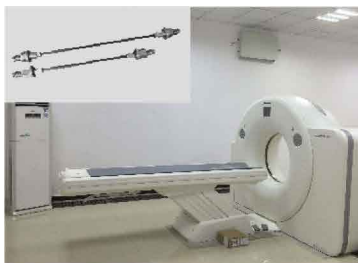
土木工程加固
Civil engineering
reinforcement



LED生产线搁架
LED production
line stock rack



医疗器械
Medical equipment



主要特点

Main Features

- 最佳的力学性能
- 优异的韧性
- 突出的长期耐候性及抗腐蚀性
- 良好的机械加工性能
- 绿色环保
- Excellent mechanical properties
- Excellent toughness
- Excellent long term weather resistance and corrosion resistance
- Good machining property
- Environmental

主要应用

Main Application



光伏太阳能支架
Photovoltaic solar mounting system



电缆支架
Cable rack



门窗
Windows



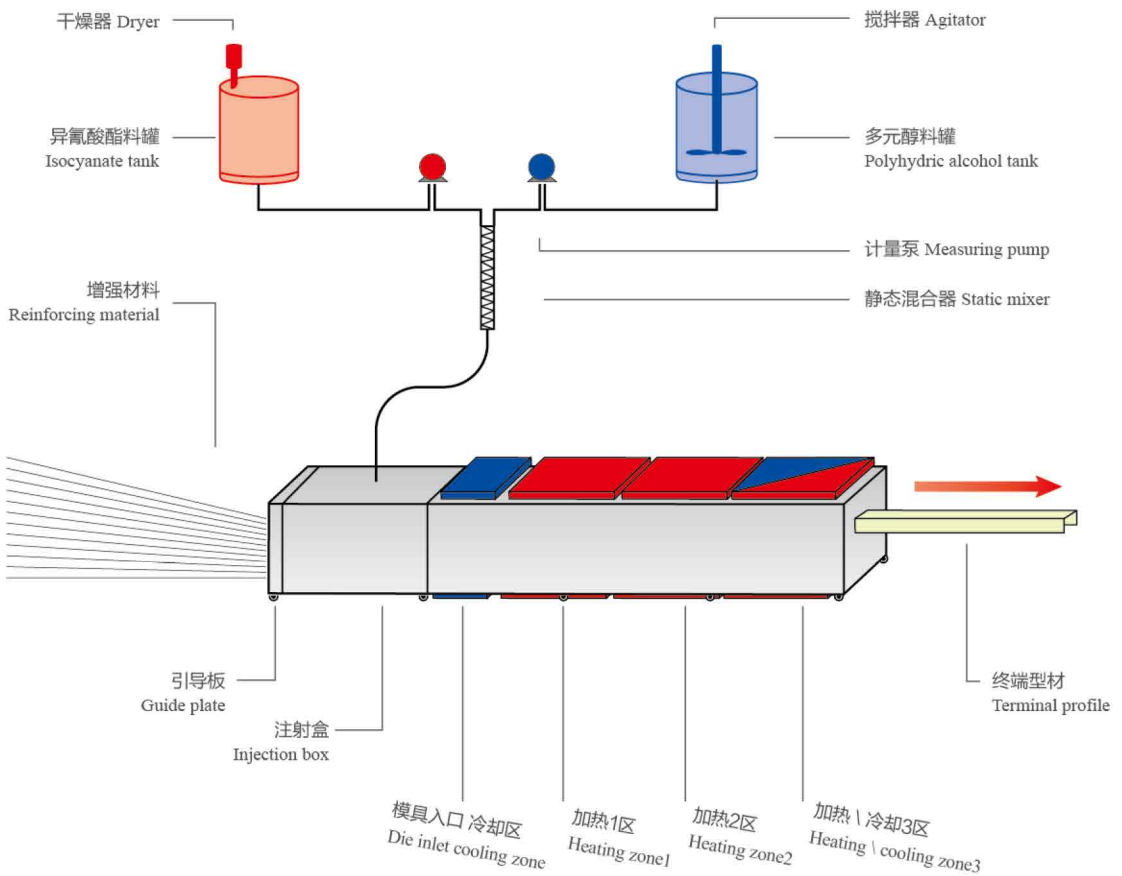
天线罩
Radome

PU Pultruded Composites Material 聚氨酯拉挤复合材料



工艺流程

Process Flow



High-performance Pultruded Composite Materials

高性能拉挤复合材料



产品介绍

Product Introduction

拉挤成型工艺是将浸渍树脂胶液的连续纤维束、带或布等，在牵引力的作用下，通过挤压模具成型、固化，连续不断地生产长度不限、截面形状一致的复合材料型材。

The pultrusion process is to use resin impregnated continuous fiber bundle, belt or cloth to produce the composite material with the same cross-sectional shape and infinite length by die extrusion forming and curing continuously.

主要特点

Main Features

- 生产过程完全实现自动化控制，生产效率高。
The production process is fully automated and the production efficiency is high.
- 纤维含量可高达80%，浸胶在张力下进行，纵向强度高。
Fiber content can be as high as 80%, the adhesive is impregnated in tension and longitudinal strength is high.
- 生产过程中无边角废料，省工，省原料，省能耗。
No waste material during production, save labor, save materials and save energy.
- 制品质量稳定，重复性好，长度可任意切断。
Product quality is stable and with good repeatability. Any length is available.



拉挤设备
Pultrusion equipment



碳纤维板
Carbon fiber plate

海納百川 · 开拓进取

Be Tolerant To Diversity · Forge Ahead



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