

PULTRUSION EPOXY SERIES

拉挤工艺用环氧树脂

适合高性能复合材料拉挤工艺，最高耐温可达 230°C (DMA) ；
与各种类型纤维具有优良的匹配性；
在无需添加粉料的情况下得到光滑的制品表面；
应用于高性能复合材料电缆芯、碳纤医疗棒材、螺纹复合材料、锚杆、风力叶片大梁，电力横担、风力叶片预埋螺栓套、抽油杆、拉挤板材、片材及异型材等各类环氧拉挤领域。

Suitable for pultruding process of high-performance composite products, maximum heat resistance to 230°C (DMA).

Excellent suitability for all kinds of fibers.

Smooth product surface without adding any powders. Mainly used in all kinds of epoxy pultruding fields, such as high performance composite cable core, carbon fiber medical rods, threaded bolts, wind blades spar cap, wire cross arm, pre-embedded bolt set of turbine blades, sucker rods, pultruding panels, sheets and profiles.

PULTRUSION EPOXY RESIN

拉挤工艺用环氧树脂

产品推荐：AP-3280A/B

- 1、低粘度，与各类纤维浸润匹配性优异；
- 2、适用性更强，可以拉复杂截面的型材；
- 3、拉挤速度优异，5mm 平板可以做到 700mm/min 以上。
- 4、制品表面光洁度高。

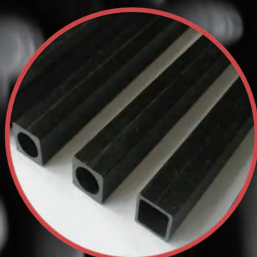
Product Recommendation: AP-3280A/B

- 1、Low viscosity and excellent wettability to all kinds of fibers;
- 2、Be able to pultrude complex cross-sections of profiles with strong applicability;
- 3、Excellent pultruding speed up to more than 700 mm/min for 5mm composite sheet;
- 4、High product surface smoothness.



PULTRUSION EPOXY SERIES

拉挤工艺用环氧树脂



碳纤维方管



碳纤维板材



拉挤电缆芯

拉挤工艺用环氧树脂 Pultrusion Epoxy Series

品名 Product	配比 Mixed Ratio	25°C混合粘度 Mixed Viscosity @25°C (mPa.s)	玻璃化转移温度 Tg (°C)	特性 Characteristics
AP-3280A/B	100:105	800-1200	≥120	风电叶片大梁配方 快速拉挤, 速度: 600-800mm/min Excellent pultruding speed up to 600-800mm/min
AP-3124A-2/B-2	100 : 105	800-1200	≥115	风电大梁预埋件配方, formulation for pre-embedded bolt of wind blades
AP-3000A/B	100 : 80	500-900	≥120	拉挤效果卓越, 可使用时间长, 对碳纤维和玻璃纤维有良好的浸润性 Excellent pultruding speed, long using period; Excellent wettability to glass and carbon fibers
AP-3011A-3/B-3	100 : 80	800-1000	≥110	透明性好的快速固化型环氧树脂体系 Fast-curing transparent epoxy series
AP-3003A/B	100 : 70	300-600	≥130	力学性能优越, Tg ≥ 130°C, 通过 94V0 Excellent mechanical performance : Tg ≥ 130°C, 94V0 certificated.
AP-3160 A/B	100:100	200-500	≥165	Tg ≥ 165°C 的低粘度快速固化型环氧树脂体系 Fast-curing epoxy series with low viscosity; Tg ≥ 165°C.
AP-3009 A/B	100:100	450-850	≥200	Tg ≥ 200°C 的超高温快速固化型环氧树脂体系 Ultra-heat resistance and fast-curing epoxy series; Tg ≥ 200°C.

