

乘风而行 风能解决方案



INEOS Composites

| ineos.com/composites

风能 Wind

| | 名称 Name | 特性和应用领域 Characteristics and Applications |
|---------------|--|---|
| 胶衣 Gelcoat | 耐候间苯新戊二醇型胶衣 Maxguard™ SX XXXXXX S | 优异的抗冲击性能, 优异的耐水性和耐候性, 适合高原地区的仓罩和叶片。 Recommended for boat construction (shells and decks), excellent impact resistance, very good water and UV resistance. Suitable nacelle and blade used in highland area. |
| | 间苯新戊二醇型胶衣 Maxguard™ GN XXXXXX S | 耐候性和耐水性好, 适合沿海地区的仓罩和叶片。 Excellent UV and water resistance, suitable for nacelle and blade along coast. |
| | 间苯型胶衣 Enguard™ GE XXXXXX S/H | 耐候性和耐水性好, 适合通用的仓罩。 Good UV and water resistance, suitable for general nacelle. |
| | 间苯型胶衣 Enguard™ GC XXXXXX S/H | 具有一定的装饰性, 适合一般要求的仓罩。 Good decoration, suitable for no strict requirement nacelle. |
| 树脂 Resin | 风力叶片真空注入树脂 Aropol™ G300 Series Resin | 真空注入工艺 Infusion application 高强度及热变形温度 High strength and high HDT 非常好的机械性能 Very good toughness with long elongation 优秀的玻璃纤维浸润能力 Excellent fiberglass wet ability and easy roll 宽泛的凝胶时间 Different gel time options 放热峰低, 固化快 Low peak ex-thermo with fast curing 比环氧体系成本更低 Lower cost than Epoxy |
| | L-RTM轻质RTM树脂 Aropol™ G153 Series Resin | 适用于真空注入/RTM工艺 Vacuum infusion /RTM resin 良好的纤维浸润性能 Good fiber wetting property 宽泛的凝胶时间 Flexible gel time 快固化 Fast curing 脱泡性好 High air release property 黏度、放热、收缩率低 Low viscosity, low PE, low shrinkage 高断裂延伸率 High elongation |
| | 舱罩真空灌注树脂 Aropol™ INF 80501 Series Resin | 邻苯型聚酯树脂, 可实现快速固化及良好操作性能的真空注入树脂 Orthophthalic polyester resin, fast curing, low viscosity. 快固化 Fast curing 黏度、放热、收缩率低 Low viscosity, low PE, low shrinkage 高断裂延伸率 High elongation 良好的纤维浸润性能 Good fiber wetting property 制品低收缩 Low shrinkage 高韧性 Tough resin 适合制作大型物件 Designed for big size equipment |
| | 舱罩用手糊树脂 Aropol™ M 105 Series Resin | 低苯乙烯挥发, 优异的浸润性, 可采用手糊和喷射工艺制造常用复合材料部件。 Low emission, excellent wettability, suitable for hand lay-up and spray-up processes for fabricating composite structure. |
| | Aropol™ M300 | 低苯乙烯挥发, 具有优良的力学性能, 耐热和水, 放热量低, 适于厚层压板, 可用于风力叶片及修补。 Low styrene emission resin, good mechanical performance, good thermal and water resistance, low heat output, suitable for thick laminates, can be used to repair the wind blades. |
| | Aropol™ C805 INF | 对玻璃纤维润湿性好且快, 放热低, 固化迅速。制成品强度高, 收缩低, 韧性好。专用于真空灌注工艺或RTM工艺。 Good wettability, low heat output, fast cure. Composite made of it have high strength, low shrinkage and good stiffness. Suitable for infusion and RTM process. |
| | Hetron™ 340 | 拉挤专用环氧乙烯基酯树脂, 优化的环氧骨架能够提供卓越的机械性能和结构强度。尤其适用于高温固化工艺, 可用于拉挤叶片内部结构件。 Designed for a high temperature cure processes as pultrusion. An optimized epoxy backbone results in excellent mechanical properties and structural performance. |

联系我们

英力士复合材料全球总部

北美
Dublin, OH USA
Tel: +1 614 790 9299
Americascustomer.composites@INEOS.com

区域中心

亚太
上海市徐汇区中山南二路1089号18楼1801B座
电话: +86 21 2402 4688
ASIAcustomer.composites@INEOS.com



官方微信公众号

欧洲

Barcelona, Spain
Tel: +34 93 206 5120
EMEAcustomer.composites@INEOS.com

印度

Navi Mumbai
Tel: +91 22 6148 9696
EMEAcustomer.composites@INEOS.com

拉丁美洲

Araçariquama, São Paulo, Brazil
Tel: +55 11 4136 6477
Americascustomer.composites@INEOS.com

® 注册商标, INEOS或其子公司, 注册在不同国家
™ 商标, INEOS或其子公司, 注册在不同国家

© 2019, INEOS / COM19-139_6CH

此处提供的所有陈述、信息和数据均被认为是准确和可靠的, 但不能被视为适用于特定用途的保证, 或明示或暗示的陈述, 卖方对此承担法律责任。不得随意使用INEOS及其子公司或其供应商拥有的任何专利。

INEOS Composites