

# 模具解决方案

## 模具 Tooling

	名称 Name	特性和应用领域 Characteristics and Applications
胶衣 Gelcoat	乙烯基模具胶衣 <b>Maxguard™</b> GT XXXX S/H	<p>基体树脂采用英力士独特的Derakane Momentum技术的环氧乙烯基树脂，赋予玻璃钢模具表面高机械强度，高亮光性，耐化学品性及柔韧性，可提供橙色，黑色和绿色。</p> <p>Epoxy modified vinyl ester gelcoat with INEOS unique Derakane Momentum technology, give final mold surface good mechanical properties, glossy, flexibility and chemical resistance, available colors are orange,black and green.</p>
	乙烯基模具胶衣 <b>Maxguard™</b> HGT XXXX S/H	<p>基体树脂采用热变形温度高的英力士独特的Derakane Momentum技术的环氧乙烯基树脂，赋予玻璃钢模具表面优异的机械强度，高亮光性，耐化学品性及柔韧性，可以耐高温，可提供橙色，黑色和绿色。</p> <p>Epoxy modified vinyl ester gelcoat with INEOS unique Derakane Momentum technology and high HDT, give final mold surface excellent mechanical properties, glossy, flexibility and chemical, heat resistance, available colors are orange,black and green.</p>
树脂 Resin	高品质乙烯基模具树脂 <b>Arotool™</b> 2003 Premium Tooling Resin	<p>高固含、预触变、预促进的改性环氧乙烯基酯树脂，能够快速浸润纤维，固化收缩小，可获得高质量表面，优异的韧性和抗疲劳性。适合于制作手糊、喷射、冷压模、RTM/真空灌注工艺等需要长寿命和优异表面效果的制品。</p> <p>A high solid, thixotropic promoted modified vinyl ester epoxy tooling resin. Arotool™ 2003 displays fast wetout of glass fiber, superior surface profiles with minimal shrink, excellent fatigue life and toughness. Suitable for the FRP tooling and molds and are used for the production of FRP products by hand lay-up, cold molding and RTM process techniques.</p>
	改性环氧乙烯基酯树脂 <b>AME™</b> 5500 Modified Epoxy Vinyl Ester Resin	<p>高性能、低苯乙烯含量、低收缩性、优异表面效果、优异的防鼓泡性能，适合具有耐化学品要求的模具制作。</p> <p>High performance, low VOC, low shrinkage, excellent surface profile, excellent blister resistance, designed as high premium skin-coat resin for chemical resistance purpose mold.</p>
	低苯乙烯挥发模具树脂 <b>Arotool™</b> 1013	<p>含低苯乙烯挥发技术的不饱和树脂，具有良好的力学性能，高热变形温度，优异的耐热、耐水性能，优异的韧性和耐疲劳性能。Arotool™ 1013是预促进，低固化放热，适合制作大型模具，可提供手糊和真空导入。</p> <p>Low styrene emission polyester resin, good mechanical property, high HDT, excellent heat and water resistance, flexibility and anti fatigue ability. Arotool™ 1013 is promoted, low curing exotherm, suitable for thick mold, hand lay up and infusion version are available.</p>
	乙烯基模具树脂 <b>Arotool™</b> 2013	<p>高固含、触变、预促进的改性环氧乙烯基酯树脂，具有高HDT、快速浸润纤维，固化快、收缩小、可获得高质量表面的特性。</p> <p>High solid content, thix and promoted epoxy modified vinyl ester resin, high HDT, good fiber wetting ability and low shrinkage, good surface performance.</p>
	零收缩模具树脂 <b>Aropol™</b> XO	<p>玻纤润湿性好，固化快、收缩小，可快速成型。</p> <p>Good fiber wetting ability, fast curing and zero shrinkage, speed up mold making.</p>

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