

DERAKANE™ 环氧乙烯基酯树脂

Derakane™ 环氧乙烯基酯树脂: 防腐树脂行业的标准

从化工生产、水处理、环境保护到矿产冶金，英力士Derakane™系列树脂在各个工业领域开创了防腐应用的传奇。早在1950年代，防腐玻璃钢已大量应用于化工领域中的各种防腐设备，同时由于其卓越的防腐性能被广泛认可，Derakane™防腐树脂的应用也逐渐被带到更多的工业领域。

INEOS' Derakane™ resins have created a legacy of excellence in corrosion-resistant fiberglass reinforced plastic (FRP) applications from chemical processing, water treatment and pollution control, to mineral processing. FRP has been used for various types of corrosion-resistant equipment in the chemical processing industry since the early 1950's, and while the chief reason for the popularity of FRP is its excellent resistance to corrosion, it delivers considerable value in a number of other areas.

产品 Product	类别 Description	性能概述 Performance Attributes
Derakane™ Signia 411	最新一代的双酚A环氧乙烯基酯树脂 New generation of bis-A vinyl ester	独创的低苯乙烯挥发技术 Unique styrene low emission; 极大提高积层间的二次粘接能力 Increase 2 nd bonding; 进一步提高纤维浸润的速度 Increase wetting; 更长的质保期 Shelf life extend to 18 mos. 独有的树脂ID检测技术帮助业主识别树脂的真伪 Resin ID for asset owners;
Derakane™ Momentum 411-350 Resin	双酚A环氧乙烯基酯树脂 Classic vinyl ester	优异的工艺性 Excellent processing properties 出色的稳定性和韧性 Superior stability and consistency
Derakane™ 441-400 Resin	高性能双酚A环氧乙烯基酯树脂 High performance grade of the classic version	耐溶剂性提高 Improved solvent resistance 耐温性能提高 Improved high temperature performance 抗热冲击性能提高 Improved thermo shock resistance 苯乙烯含量低于35% <35% styrene
Derakane™ 451-400 Resin Derakane™ 455-400 Resin	酚醛环氧乙烯基酯树脂 Novolac epoxy vinyl ester resin	优异的耐高温水溶液性能 Exceptional for hot water service 出色的耐酸性能 Good hot acid performance 韧性出色 Good toughness 相比较于D451, D455具有更高的HDT Higher HDT compared to D451,D455
Derakane™ Momentum 470-300 Resin	酚醛环氧乙烯基酯树脂 Novolac epoxy vinyl ester resin	卓越的耐温性能 Exceptional high temperature performance 出色的耐溶剂性能 Superior solvent resistance 苯乙烯含量低于35% <35% styrene
Derakane™ Momentum 510C-350 Resin	溴化双酚A型阻燃环氧乙烯基酯树脂 Fire retardant epoxy vinyl ester resin	添加三氧化二锑达到ASTM E-84一级阻燃要求 Meets ASTM E-84 class 1 with addition of diantimony trioxide 苯乙烯含量低于35% <35% styrene
Derakane™ Momentum 510C-350 HOI Resin	阻燃环氧乙烯基酯树脂 Fire retardant epoxy vinyl ester resin	不需要添加三氧化二锑即达到ASTM E-84一级阻燃要求 Meets ASTM E-84 class 1 without antimony 纯树脂固化后氧化指数高达31.6% Pure casting LOI can reach 31.6%
Derakane™ 782 Resin	可增稠环氧乙烯基酯树脂 SMC thickenable epoxy vinyl ester resin	可通过MgO稳定增稠的SMC用环氧乙烯基酯树脂; 具有耐高温、耐冲击、力学性能优异的特点。用于制造高强度的内部件、新能源汽车电池盖、汽车引擎罩部件(如阀门罩、油底壳等)、汽车保险杠及地板等。 Localized MgO thickenable vinyl ester resin used for SMC/ BMC, high heat resistance, excellent physical properties at 150°C. This resin can be used for higher strength inners, battery cover, underhood/engine parts (valve covers, oil pans etc.), bumper beams and floor pans.

INEOS Composites

GLOBAL PRESENCE

Global Headquarters INEOS Composites

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

Regional Centers

Asia Pacific
Shanghai, P.R. China
Tel: +86 21 2402 4688
ASIAcustomer.composites@INEOS.com

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

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

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

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