

久经考验 安全可靠
Derakane™
环氧乙烯基酯树脂



亚什兰



 ashland.com / efficacy usability allure integrity profitability™

Derakane™ 环氧乙烯基酯树脂—防腐树脂行业标准

Derakane™ resins set the standard

从化工生产、水处理、环境保护到矿产冶金，亚什兰的 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认可，他的应用价值逐渐被带到其他工业领域。

Ashland's 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™ 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	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 出色的耐热酸性能 Good hot acid performance 韧性出色 Good toughness
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 卓越的耐溶剂性能 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 antimony 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 纯树脂固化后氧指数 31.6% Pure casting LOI can reach 31.6
Derakane™ 510N Resin	酚醛型溴化环氧乙烯基酯树脂 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 antimony 热变形温度为 121 C. HDT can reach 121C,
Derakane™ Momentum 640-900E Resin	拉挤环氧乙烯基酯树脂 Pultrusion Grade Epoxy Vinyl Ester Resin	更快的拉挤速度 Optimized for faster line speed 韧性出色 Good toughness
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 150C. This resin can be used for higher strength inners, Battery cover, underhood/engine parts (valve covers, oil pans), bumper beams and floor pans.

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