

模压解决方案

模压产品 Press Molding

	名称 Name	特性和应用领域 Characteristics and Applications
SMC/BMC 树脂 Resin	Derakane™ 782	Derakane™ 782为SMC/BMC设计的可通过MgO稳定增稠环氧乙烯基酯树脂；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 structural parts, battery cover, underhood/ engine parts (valve covers, oil pans etc.), bumper beams and floor pans.
	Aropol™ D 1691	高反应活性SMC树脂，可用于制造汽车A级面板产品的制作。 High reactivity thickenable SMC resins that suit for class A panel productions.
	Aropol™ MR1309	通用不饱和聚酯树脂，可增稠。适用于汽车配件如面板、保险杠、脚踏板和牌照板等；卫浴、门皮、电器件和普通表观件及结构件等。 General application UPR, thickenable. Applications are truck parts, such as front panel, bumper, stairs, license panels and sanitary applications.
	Aropol™ MR1304	邻苯型聚酯树脂，可增稠、低粘度。适用于卫生间洗脸池、浴缸、低压电器产品。 Orthophthalic polyester resin, thickenable, low viscosity. It is widely used in sanitary application and electrical application.
	Aropol™ MR14029	间苯新戊二醇聚酯树脂，高反应活性、可增稠。广泛适用于户外制品、绝缘制品、电器等如盲道、电表箱、断路器、烤牛排盒、电器底座和水槽等。 ISO-NPG polyester resin, high reactivity, thickenable. It is widely used in formula for outdoor, insulation, electrical parts, such as tactile tile, electrical cabinet, breaker and sink etc.
	Aropol™ MR1018	间苯新戊二醇聚酯树脂，高反应活性、中等粘度、可增稠。适用于低压绝缘电器应用。 ISO-NPG polyester resin, high reactivity, medium viscosity, thickenable. Applications are low insulation parts.
	Aropol™ MR14072	中等活性、高柔韧性、可增稠型间苯SMC/BMC不饱和聚酯树脂，该树脂主要针对对于材料韧性和耐开裂性有较高要求的应用。 A medium reactivity, high toughness, resilient, thickenable isophthalic unsaturated polyester resin for SMC/BMC. It is designed for applications where a high degree of toughness and craze resistance are required.
	Aropol™ Q6358	高活性、中等粘度、可增稠型SMC/BMC不饱和聚酯树脂。该树脂具备良好的机械强度、优异的表现效果，优秀的工艺适配性及理想的增稠性能。 A thickenable, medium viscosity, high reactivity unsaturated polyester resin for SMC and BMC. It has good mechanical, surface quality, wide molding parameter tolerance and desirable thickening properties.
	Arotran™ D1790	高活性、可增稠型SMC/BMC不饱和聚酯树脂。适用于低收缩、优异的表现效果及严格收缩控制的应用，例如：车用顶级A级SMC面板。 A high reactivity, thickenable, unsaturated polyester resin for SMC/BMC. It is ideal for use in low profile, giving high surface quality and controlled shrink applications such as top class A SMC panel for automotive.
	Arotran™ 805	耐紫外线、低收缩，可用于有耐候要求的结构件，如皮卡货厢、卡车及农用机械部件等。 UV resistance, low profile, good weather resistance. Can be used for structure parts like truck box and farm machinery parts.
	Aropol™ MR 80410	邻苯型可增稠BMC不饱和聚酯树脂，具有高亮度特性，强度适中。 Orthophthalic polyester resin, thickenable, suitable for BMC with high brightness and medium strength.
	Aropol™ MR 1020	可增稠SMC不饱和聚酯树脂，制品亮度模温适应性好，可达到准A级表面，具备优良的耐（热）水性和耐黄变性。 Thickenable polyester resin for SMC. Parts made with it shows wide flexibility for brightness and mold temp, can achieve class-A surface and have good water resistance and good anti-yellowing performance.
	Aropol™ MR 1316	高亮度树脂，可达到汽车行业A级表面要求，高韧性，强度较高，VOC较低，适应汽车行业内部零件要求。 High brightness resin, can achieve class A surface for auto industry, high stiffness, high strength, low VOC, suitable for interior part of automobile.
	Aropol™ MR 13006	高亮度树脂，可达到汽车行业A级表面要求，高韧性，粘度低，适合高填充SMC配方的生产。 High brightness, can achieve class A surface for auto industry, high stiffness, low viscosity, suitable for SMC with high filling.

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低收缩剂 Low Profile Additive	Aropol™ MR63005K	聚苯乙烯低收缩添加剂, 可加色料、控制收缩、提高外观效果, 具有广泛的工艺适应性。可用于SMC/BMC、湿模压和拉挤工艺。 Low profile additive of PS, pigmentable, control shrinkage. It can be used for SMC/BMC, wet compression molding and pultrusion process.
	LP40A/ LP4016	聚醋酸乙烯酯型低收缩添加剂, 粘接性能好, 具有卓越的收缩控制, 优良的外观效果, 可增稠。适用工艺广泛, 可用于SMC/BMC、湿模压和拉挤工艺。 Low profile additive of PVAc base. Thickenable, excellent shrinkage control and perfect surface quality of the products. It can be used for SMC/BMC, wet compression molding and pultrusion process.
	LP 90	PVAc低收缩剂, 不低于-0.10%的收缩率控制范围, A级表面, 无促进树脂增稠表现性能, 超低粘度等级。 PVAc low profile additive, higher than -0.1% shrinkage control range. Class A achievable, no thickening promotion to resin, ultra low viscosity.
	Q 540	不低于0.03%的收缩率控制范围, 高耐老化耐黄变, 部分颜色可着色。 Higher than 0.03% shrinkage control range, high thermal resistance and anti-yellowing performance, can be colored to specific colors.
	Neulon 580/581	通过同特定树脂配合可以实现A级表面SMC和BMC的产品制作。 Suitable for top class A panel manufacturing.
降粘剂 Viscosity Reducer	VR3	VR3是一种用于SMC配方中的成分助剂, 固体粉状, 可以用于降低树脂糊的粘度, 并可部分或者全部取代脱模剂的功效, 更好地帮助SMC制片的工艺性。 VR3 is a viscosity reducer, in powder form, which can be used to reduce A paste viscosity, and replace all or partial mold release in formula, help SMC compounding process.

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