

Escor™ 5080

乙烯丙烯酸共聚物树脂

产品说明

Escor™ 5080 resin is an ethylene acrylic acid copolymer characterized by high melt index and 10 wt% acrylic acid comonomer content. Escor™ 5080 resin easily combines processing and adhesion to polar materials. It can be formulated and UV-stabilized for use in outdoor applications.

总览			
添加剂	▪ 开口: 否	▪ 爽滑: 否	▪ 热稳定剂: 否
应用	▪ 极性基板的粉末涂料 ▪ 母料基础树脂	▪ 热封层 ▪ 粘合剂应用	

物理性能	典型数值 (英制)	典型数值 (公制)	测试方法
密度	0.937 g/cm³	0.937 g/cm³	ASTM D1505
熔融指数 ² (190° C/2.16 kg)	30 g/10 min	30 g/10 min	ASTM D1238
丙烯酸含量	10 wt%	10 wt%	ExxonMobil Method
熔融峰值温度	203 ° F	95 ° C	ExxonMobil Method

热性能	典型数值 (英制)	典型数值 (公制)	测试方法
维卡软化温度	161 ° F	71 ° C	ASTM D1525

法律声明

有关潜在食品接触应用合规信息（例如：FDA、EU、HPFB），请与埃克森美孚化工客户服务代表联系。

本产品不宜在医疗应用中使用，亦不应在任何此类应用中使用

加工说明

Molded properties were measured on 2 mm (78.7 mil) thick compression molded plaques prepared based on ASTM D4703 Procedure C (Tensile ASTM D638 : Type IV dumbbell, Hardness ASTM D2240 : 3 plied up disks) and 2 plied up 2 mm (157 mil) for Vicat. To minimize corrosion risk, all exposed metal surfaces in the extruder and die should be made from corrosion resistant metals or nickel/chrome plated. Escor™ resin should be fed into the extruder after LDPE of a similar or higher melt index. Machines should always be completely purged with LDPE preferably with a lower melt flow than the Escor™ grade in use or a suitable cleaning compound before shutdown. Never shutdown the equipment with Escor™ resin.