

Escor™ 5100

Ethylene Acrylic Acid Copolymer Resin

ExxonMobil Chemical

Message:

Escor 5100 is mainly used for extrusion coating, coextrusion coating and extrusion compounding. It can be well bonded to polar substrates, aluminum foils, metal films, paper, steel and glass surfaces. It also has high binding resistance when used in packaging acidic food. Excellent coextruded adhesive resin for polyamide. Excellent heat sealing performance: extremely low temperature heat sealing and high heat sealing strength, high thermal adhesion and good anti-pollution heat sealing. Excellent adhesive polymer in film.

General Information			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.5	g/10 min	ASTM D1238
Acrylic Acid Content	11.0	wt%	ExxonMobil Method
Legal statement			

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

Extrusion instructions

Excellent results are obtained in extrusion coating at 260°C - 280°C (500°F - 536°F) temperature range. Processing temperatures above 300°C (572°F) may cause resin degradation. 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 should be fed into the extruder after LDPE of a similar or higher melt index. Machines should always be completely purged with LDPE or a suitable cleaning compound before shutdown.

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