

Escor™ 6000

Ethylene Acrylic Acid Copolymer Resin

Product Description

Escor™ 6000 resin is primarily intended for extrusion coating and coextrusion coating. It is the high draw down version of Escor™ 5000 resin. It offers the following advantages: very low coating weight achievable at high line speed; very good adhesion to polar substrates, aluminum foil, metallized films, paper, iron, steel, and glass; and excellent balance of adhesion onto the substrates and interlayer adhesion with coextruded LDPE and EVA material.

General

Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: No
Applications	▪ Aluminum Containing Packaging ▪ Coextrusion Coating ▪ Cosmetic Packaging	▪ Extrusion Coating ▪ Extrusion Lamination ▪ Food Packaging	▪ Hygiene Packaging ▪ Liquid Packaging ▪ Metallized Films

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.932 g/cm ³	0.932 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	8.2 g/10 min	8.2 g/10 min	ASTM D1238
Acrylic Acid Content	6.0 wt%	6.0 wt%	ExxonMobil Method
Peak Melting Temperature	215 °F	102 °C	ExxonMobil Method

Coating Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Draw Down			ExxonMobil Method
Constant output at 35 rpm, 536°F (280°C)	200 m/min	200 m/min	
Neck-in			ExxonMobil Method
82 ft/min (25 m/min), Constant output at 35 rpm, 536°F (280°C)	3.7 in	9.5 cm	
164 ft/min (50 m/min), Constant output at 35 rpm, 536°F (280°C)	2.4 in	6.1 cm	
328 ft/min (100 m/min), Constant output at 35 rpm, 536°F (280°C)	1.8 in	4.6 cm	

