

Escor™ 5070

Ethylene Acrylic Acid Copolymer Resin

Product Description

Escor 5070 is an ethylene acrylic acid copolymer characterized by high melt index and 9 wt% acrylic acid comonomer content. Escor 5070 combines easily processing and adhesion to polar materials. It can be formulated and UV- stabilized for use in outdoor applications

General

Availability ¹	▪ Asia Pacific	▪ Europe	
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: No
Applications	▪ Adhesive Applications ▪ Heat Seal Layer	▪ Masterbatch Base Resin ▪ Powder Coating to Polar Substrates	
Revision Date	▪ 12/01/2014		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.935 g/cm ³	0.935 g/cm ³	ExxonMobil Method
Melt Index ²	30 g/10 min	30 g/10 min	ExxonMobil Method
Acrylic Acid Content	9.0 wt%	9.0 wt%	ExxonMobil Method
Peak Melting Temperature	203 °F	95 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	165 °F	74 °C	ASTM D1525

Legal Statement

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

To minimise 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 preferably with a lower melt flow than the Escor grade in use or a suitable cleaning compound before shutdown. Never shut down the equipment with Escor.

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

² Value reported is an estimate based on ExxonMobil's correlation from melt flow rate data measured at other standard conditions, based on ASTM D 1238.

