Escor™ 5200

Ethylene Acrylic Acid Copolymer Resin

Product Description

Escor™ 5200 resin is an ethylene acrylic acid copolymer with a high comonomer content. Escor™ 5200 resin can be used pure or as a component in blend formulations for bonding applications where medium viscosity and very good adhesion to polar materials are required.

General

Availability [1]	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: No
Applications	▪ Adhesive Applications		
Revision Date	▪ 07/01/2018		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.945	g/cm³	0.945	g/cm³	ASTM D1505
Melt Index [2] (190°C/2.16 kg)	38	g/10 min	38	g/10 min	ASTM D1238
Acrylic Acid Content	15.0	wt%	15.0	wt%	ExxonMobil Method
Peak Melting Temperature	193	°F	90	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	138	°F	59	°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

Excellent results can be obtained in the 200°C - 250°C (392°F - 482°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™ resin 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.

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.

For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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