Product Datasheet

ExxonMobil Signature Polymers

Exxtra™ Seal m 15018XC

Metallocene Polyethylene

Product Description

Exxtra™ Seal m 15018XC resin is an ethylene 1-hexene copolymer. Laminates using Exxtra™ Seal m 15018XC as coating layer have outstanding sealing properties and broad hot tack window. The grade has 'easy processability' due to the high melt index in extrusion coating, extrusion lamination and co-extrusion coating processes. The grade is recommended for coating ondifferent substrates like board and paper (bleached and unbleached), aluminum foil, flexible films, PE based woven fabrics, etc.

General

Availability [1]	▪ Africa & Middle East ▪ Asia Pacific	▪ Europe ▪ Latin America	▪ North America
Additive	▪ Antiblock: No	▪ Processing Aid: No	▪ Thermal Stabilizer: Yes
Applications	▪ Building and Construction Laminates ▪ Coextrusion Coating ▪ Extrusion Coating ▪ Extrusion Lamination	▪ Food Packaging ▪ Industrial Coating ▪ Injection Molding ▪ Liquid Packaging	▪ Masterbatch Carrier ▪ Packaging Films ▪ Wire and Cable Compounds
Revision Date	▪ 06/03/2020		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.918	g/cm³	0.918	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	15	g/10 min	15	g/10 min	ASTM D1238
Peak Melting Temperature	235	°F	113	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	205	°F	96.0	°C	ExxonMobil Method

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.

Tris(nonylphenol)phosphite (TNPP) CAS# 26523-78-4 is not intentionally used by ExxonMobil in this product. Although this product is not routinely tested for its presence, based on product composition knowledge this substance is not expected to be present. However, the fact that this substance is not intentionally used by ExxonMobil in this product does not exclude that trace levels of this substance may be present as a result of the specific characteristics of the raw materials and/or of the manufacturing process.

Processing Statement

Recommended processing conditions:
Melt temperature range : 270 - 310°C
Minimum recommended air gap : 150 mm
Blend with autoclave LDPE

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.

Manufacturer website: https://www.exxonmobilchemical.com/en/products/polyethylene

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For additional technical, sales and order assistance: Contact Us

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