

Exxtra[™] Seal POP 2295.A Cast (Legacy name: Exact[™] 4151A Cast) Ethylene-based Plastomer

Product Description

Exxtra[™] Seal POP 2295.A is an ethylene-based hexene plastomer produced using ExxonMobil Chemical's EXXPOL® Catalyst Technology. Exxtra[™] Seal POP 2295.A is designed for both monolayer and multilayer coextruded cast and blown film applications requiring low sealing temperatures, high oxygen transmission and high toughness. Typical applications include seal layers for lamination films used in meat, poultry and produce packaging. TnPP is not intentionally added to Exxtra[™] Seal POP 2295.A resin.

General						
Availability ¹	 Latin America 		 North America 			
Additive	 Antiblock: No 		 Slip: No 	iip: No • Thermal Stabilizer: Yes		
Applications	 Cast Film 		 Lamination Film 			
Form(s)	 Pellets 					
Revision Date	• 10/23/2019					
Resin Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On	
Density	0.895	g/cm ³	0.895	g/cm ³	ASTM D1505	
Melt Index ² (190°C/2.16 kg)	2.2	g/10 min	2.2	g/10 min	ASTM D1238	
Peak Melting Temperature	190	°F	88	°C	ExxonMobil Method	
Thermal	Typical Value	(English)	Typical Value	(SI)	Test Based On	
Vicat Softening Temperature	168	°F	75.6	°C	ExxonMobil Method	
Crystallization Peak, Tc	158	°F	70	°C	ExxonMobil Method	
Film Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On	
Tensile Strength at Yield MD	900	psi	6.2	MPa	ASTM D882	
Tensile Strength at Yield TD	480	psi	3.3	MPa	ASTM D882	
Tensile Strength at Break MD	11000	psi	80	MPa	ASTM D882	
Tensile Strength at Break TD	8000	psi	60	MPa	ASTM D882	
Elongation at Break MD	360	%	360	%	ASTM D882	
Elongation at Break TD	650	%	650	%	ASTM D882	
Secant Modulus MD	7000	psi	48	MPa	ASTM D882	
Secant Modulus TD	8900	psi	62	MPa	ASTM D882	
Dart Drop Impact	800	g	800	g	ASTM D1709A	
Elmendorf Tear Strength MD	110	g	110	g	ASTM D1922	
Elmendorf Tear Strength TD	400	9	400	g	ASTM D1922	
Puncture Force	17	lbf	77	Ν	ExxonMobil Method	
Puncture Energy	55	in·lb	6.2	J	ExxonMobil Method	
Optical Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On	
Gloss (45°)	91	(2.19.001)	91	(/	ASTM D2457	
Haze	0.5	%	0.5	%	ASTM D1003	

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.

E‰onMobil

Processing Statement

Film (1 mil / 25.4 micron) made on a 3.5 inch cast film line with a 5 inch melt curtain, 80°F (27°C) chill roll temperature at a 500 ft/min take-off speed and a melt temperature between 510-530°F (266-277°C).

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

©2025 ExxonMobil. ExxonMobil, the ExxonMobil logo, the interlocking "X" device and other product or service names used herein are trademarks of ExxonMobil, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without ExxonMobil's prior written authorization. To the extent ExxonMobil authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to or reproduce it in whole or in part on a website. ExxonMobil does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information. The terms "we," "our," "ExxonMobil Product Solutions" and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Product Solutions Company, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.

exxonmobilchemical.com