

# Exact™ 9371

## Plastomer

Product Description	Key Features
Exact 9371 is an ethylene butene copolymer produced using ExxonMobil's proprietary metallocene catalyst technology. This resin is compatible with polyolefins like polypropylene (PP), polyethylene (PE) and ethylene-vinyl acetate copolymer resin (EVA).	<ul style="list-style-type: none"> <li>EVA foam modification.</li> <li>PP / TPO modification.</li> <li>Low density.</li> <li>Low crystallinity.</li> <li>Free flowing pellets.</li> </ul>

General	
Availability <sup>1</sup>	▪ Asia Pacific
Revision Date	▪ 04/01/2017

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Density <sup>2</sup>	0.872 g/cm <sup>3</sup>	0.872 g/cm <sup>3</sup>	ExxonMobil Method
Melt Index <sup>2</sup> (190°C/2.16 kg)	4.5 g/10 min	4.5 g/10 min	ExxonMobil Method

Hardness	Typical Value (English)	Typical Value (SI)	Test Based On
Durometer Hardness (Shore A)	71	71	ASTM D2240

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Flexural Modulus - 1% Secant	2260 psi	15.6 MPa	ASTM D790

Elastomers	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at 100%	365 psi	2.52 MPa	ASTM D412
Tensile Strength at Break	535 psi	3.69 MPa	ASTM D412
Elongation at Break	800 %	800 %	ASTM D412

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	125 °F	51.4 °C	ExxonMobil Method
Peak Melting Temperature	131 °F	55 °C	ExxonMobil Method
Crystallization Peak, T <sub>c</sub>	111 °F	44 °C	ExxonMobil Method
Glass Transition, T <sub>g</sub>	-56 °F	-49 °C	ExxonMobil Method

Additional Information
All physical properties were measured on compression molded specimens.

Legal Statement
This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ExxonMobil Chemical as to the intended use. For detailed Product Stewardship information, please contact Customer Service.
For detailed Product Stewardship information, please contact Customer Service.

Notes
Typical properties: these are not to be construed as specifications.
<sup>1</sup> Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.
<sup>2</sup> Property results are displayed in conventional unit of measure.

Exact™ 9371  
Plastomer

For additional technical, sales and order assistance: [www.exxonmobilchemical.com/ContactUs](http://www.exxonmobilchemical.com/ContactUs)

©2020 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 in this document. This document is not an endorsement of any non-ExxonMobil product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "ExxonMobil Chemical" and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Chemical Company, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.

[exxonmobilchemical.com](http://exxonmobilchemical.com)