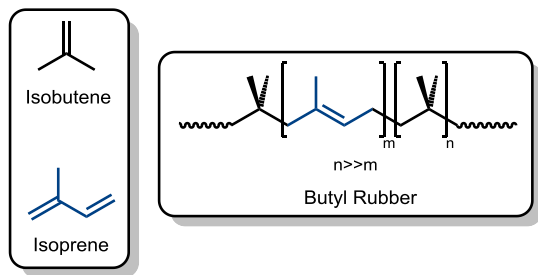




## X\_BUTYL® REGULAR BUTYL RUBBER

Regular butyl rubber is a copolymer of isobutene with small amounts of isoprene. The incorporation of isoprene creates double bonds, allowing vulcanization with sulfur and other curing agents.



When the compounds based on regular X\_Butyl® are correctly formulated and processed, the end-products have:

- very low permeability to gases and liquids
- high hysteresis for energy absorption
- resistance to weathering, ozone and heat
- good resistance to acidic and basic chemicals
- good low-temperature flexibility

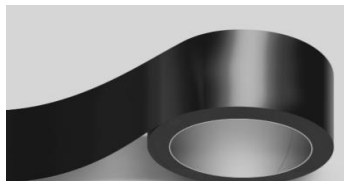
## PRODUCT PORTFOLIO

	Mooney Viscosity [ML(1+8) @ 125 °C, MU]	Unsaturation [mol%]	Ash [wt%]	Volatiles [wt%]
X_Butyl® RB 100	33	0.9	<0.3	<0.3
X_Butyl® RB 402	33	2.25	<0.3	<0.3
X_Butyl® RB 301	51	1.85	<0.3	<0.3
X_Butyl® RB 101-3 (Food Grade)	51	1.75	<0.3	<1.0

## APPLICATIONS

The unique properties of regular butyl rubber make it the polymer of choice for a variety of rubber products such as:

- inner tubes
- curing bladders & envelopes
- adhesives
- chewing gum base
- protective clothing
- damping components



# TIRE AND SPECIALTY RUBBERS GLOBAL FOOTPRINT



## WE ARE HAPPY TO SUPPORT YOUR BUSINESS

### NAFTA

#### Technical Service

Judy Douglas

E-mail: [judy.douglas@arlanxeo.com](mailto:judy.douglas@arlanxeo.com)

Phone: +1 412 809 3547

#### Sales

John Sawaya

E-mail: [john.sawaya@arlanxeo.com](mailto:john.sawaya@arlanxeo.com)

Phone: +1 412 809 1530

### EMEA

#### Technical Service

Luc ter Bogt

E-mail: [luc.terbogt@arlanxeo.com](mailto:luc.terbogt@arlanxeo.com)

Phone: +49 221 8885 3998

#### Sales

Marco Eira

E-mail: [marco.eira@arlanxeo.com](mailto:marco.eira@arlanxeo.com)

Phone: +41 26 422 8354

### APAC

#### Technical Service

Esther Han

E-mail: [esther.han@arlanxeo.com](mailto:esther.han@arlanxeo.com)

Phone: +65 6725 5709

#### Sales

JooSang Kim

E-mail: [joosang.kim@arlanxeo.com](mailto:joosang.kim@arlanxeo.com)

Phone: +65 6725 5872

### LATAM

#### Technical Service

Marcus Moutinho

E-mail: [marcus.moutinho@arlanxeo.com](mailto:marcus.moutinho@arlanxeo.com)

Phone: +55 21 2677 1219

#### Sales

Sergio Botafogo

E-mail: [sergio.botafogo@arlanxeo.com](mailto:sergio.botafogo@arlanxeo.com)

Phone: +55 21 2677 1344

Please contact us for additional information or visit us at  
[www.tsr.arlanxeo.com](http://www.tsr.arlanxeo.com)

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

**Health and Safety Information:** Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the ARLANXEO products mentioned in this publication. For materials mentioned which are not ARLANXEO products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., *safety data sheets and product labels*. Consult your ARLANXEO representative or contact the Product Safety and Regulatory Affairs Department.

X\_Butyl® is a registered trademark of ARLANXEO Switzerland S.A.

Note: The information contained in this publication is current as of May 2017.

Please contact ARLANXEO USA LLC to determine if this publication has been revised.