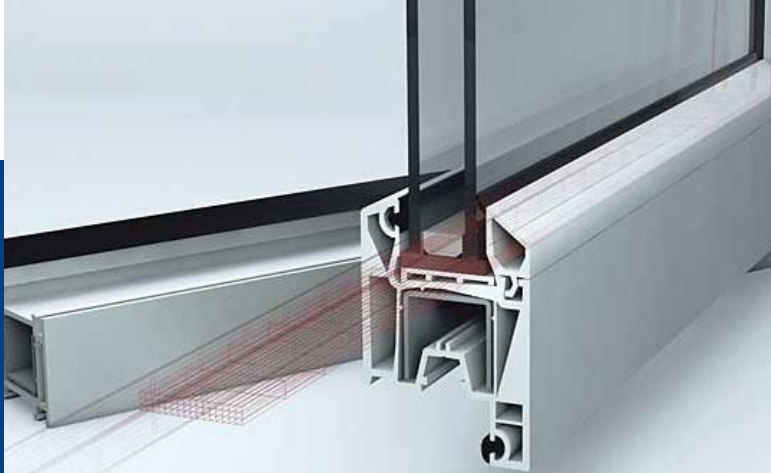


## X\_BUTYL® REGULAR BUTYL RUBBER FOR ADHESIVE APPLICATIONS



Regular butyl rubber is a copolymer of isobutylene with small amounts of isoprene and possesses many unique properties including:

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

The tack, ageing resistance and low permeability of regular X\_Butyl® make it the ideal polymer for a variety of adhesive and sealing applications. These products are used in adhesive formulations for transparent tapes, sealants for double and triple pane windows, hot melt pressure sensitive adhesives, mastic for pipe wrap tapes, vinyl floor tile adhesives and roofing adhesives.

### ARLANXEO PRODUCT PROPERTIES

	Mooney [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

### TYPICAL FORMULATIONS

Sealant	
Ingredient	phr
X_Butyl® RB 301	25
Polyisobutylene	25
Hydrocarbon Resin	30
Calcium Carbonate	20
Antioxidant	0.5

Caulk	
Ingredient	phr
X_Butyl® RB 301 or RB 100	200
Polyisobutylene	120
Hydrocarbon Resin	35
Filler	500
Oil	15
Solvent	55

# TIRE AND SPECIALTY RUBBERS GLOBAL FOOTPRINT



## WE ARE HAPPY TO SUPPORT YOUR BUSINESS

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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.

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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.