



## X\_BUTYL® REGULAR BUTYL RUBBER FOR CHEWING GUM

X\_Butyl® RB 101-3 is a specialty product manufactured for the chewing gum industry. In particular, regular butyl rubber is used in the gum base which is an important starting point for a wide variety of different finished gum products. For each type of gum base there are specific ingredients and combination of ingredients that result in the desired physical, chemical and processing characteristics for the application.

Our company applies the most stringent quality controls, consistent with food regulations and standards implemented worldwide. Flavor is retained longer than

with natural rubber-based products and the transmission of air and water are minimized. Its low-temperature flexibility prevents it from becoming brittle and shattering, even in heavily-filled compounds.

X\_Butyl® rubber has outstanding stability and resistance to ageing prevents hardening during shelf storage and thus helps to retain the soft texture required for stick gums. It also serves as a hydrophobic plasticizer, providing softness and smoothness to enhance chewing.

### PRODUCT PROPERTIES

Grade	X_Butyl® RB 101-3
Mooney Viscosity (ML 1+ 8, 125 °C, MU)	51
Unsaturation (mol%)	1.75
Volatile Matter (wt%)	<1.0

### TYPICAL FORMULATION

Gum Base*	
Ingredient	phr
X_Butyl® RB 101-3	8-15
Resin ester gum	40
Glyceryl monostearates	20
Calcium carbonate	16
Wax	20

Finished Gum*	
Ingredient	phr
Gum Base	100
Corn Syrup	100
Sugar	100
Other	as required

\*These items are provided as general information only. They are approximate values and are not considered part of the product specifications. Please contact your regional representative for additional information.

# TIRE AND SPECIALTY RUBBERS GLOBAL FOOTPRINT



## WE ARE HAPPY TO SUPPORT YOUR BUSINESS

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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.

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Performance Elastomers