

# PERBUNAN<sup>®</sup> 3430 F

<b>Grade Name</b>	PERBUNAN <sup>®</sup> 3430 F
<b>Product Description</b>	Butadiene-acrylonitrile copolymer, non-staining stabilized
<b>Supply Form</b>	Bales

## Specifications<sup>1</sup>

Characteristics	Limits	Unit	Testing Method
Mooney Viscosity UML (1+4) 100°C without pre-treatment	32 ± 3	MU	ISO 289/ASTM D 1646
Acrylonitrile content	34.0 ± 1.0	wt %	ISO 24698-1
Volatile matter	≤ 0.5	wt %	ISO 248/ASTM D 5668

<sup>1</sup>For each delivery a Certificate of Analysis (CoA) will be sent, which contains the actual measured values of the specified properties for each batch.

<b>Specific gravity</b>	0.97															
<b>Cure characteristics</b>	<p>Test formulation according to ISO 4658 - Miniature internal mixer (based on IRB 7)</p> <p>MDR 160°C, micro-dies; ± 0.5 degree arc, 30 min running time, no preheat</p> <table> <thead> <tr> <th>Property</th> <th>Value</th> <th>Test method</th> </tr> </thead> <tbody> <tr> <td>ML</td> <td>1.2 ± 0.5 dNm</td> <td>ISO 6502</td> </tr> <tr> <td>MH</td> <td>18.5 ± 2.5 dNm</td> <td>ISO 6502</td> </tr> <tr> <td>t'10</td> <td>2.4 ± 0.6 min</td> <td>ISO 6502</td> </tr> <tr> <td>t'90</td> <td>7.4 ± 2.2 min</td> <td>ISO 6502</td> </tr> </tbody> </table>	Property	Value	Test method	ML	1.2 ± 0.5 dNm	ISO 6502	MH	18.5 ± 2.5 dNm	ISO 6502	t'10	2.4 ± 0.6 min	ISO 6502	t'90	7.4 ± 2.2 min	ISO 6502
Property	Value	Test method														
ML	1.2 ± 0.5 dNm	ISO 6502														
MH	18.5 ± 2.5 dNm	ISO 6502														
t'10	2.4 ± 0.6 min	ISO 6502														
t'90	7.4 ± 2.2 min	ISO 6502														

**PERBUNAN<sup>®</sup> 3430 F**

---

<b>Packaging</b>	25 kg bales wrapped in dispersable PE film (Vicat point: 85°C / ISO 306)
<b>Shelf life</b>	24 month from date of production at temperatures not exceeding 35°C in dry conditions; exposure to light has to be avoided

---

PERBUNAN<sup>®</sup> is a Registered Trademark of LANXESS Deutschland GmbH

**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., material safety data sheets and product labels*. Consult your ARLANXEO Corporation representative or contact the Product Safety and Regulatory Affairs Department at ARLANXEO.

**ARLANXEO Corporation**

111 RIDC Park West Drive · Pittsburgh, PA 15275 · Phone: 1-800-526-9377 ARLANXEO · [www.US.ARLANXEO.com](http://www.US.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. As with any product, use of the products mentioned in this publication in a given application must be tested (including field testing, etc.) by the user in advance to determine suitability.

Issue number: LXS 04 / Date of issue: October 08, 2010 / Previous issue from January 01, 2010 / Information current as of date of issue. Please contact your ARLANXEO representative to determine if this publication has been revised.