

## BAYPREN<sup>®</sup> 711

### Product Description

Poly (2-chlorobutadiene-1,3), CR, sulfur modified grade with low to medium crystallization tendency

### Supply Form

Ivory-colored chips, talc-coated

### Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity UML (1+4) 100°C	48 ± 6	MU	ISO 289/ASTM D 1646
Volatile matter (3h at 105°C)	max. 0.5	wt %	acc. to ISO 248/ASTM D 5668

### Other Product Features

Property	Typical Value		
Specific gravity	1.23		
Total Ash	≤ 1.0	wt %	ISO 247 Meth. C/ASTM D 5667
Solubility	Soluble, e.g. in aromatic solvents		
Cure Characteristics	*Test formulation according to ISO 2475-1990 (based on carbon black IRB 7) Rheometer Monsanto MDR 2000, 150°C (302°F)/30 min		
	<b>Property</b>	<b>Value</b>	<b>Test Method</b>
	ts2	1.8 ± 1.0 min	PC Test method A 420
	t'10	1.8 ± 1.0 min	PC Test method A 420
	t'80	5.0 ± 2.0 min	PC Test method A 420
	S´max	22.0 ± 2.5 dNm	PC Test method A 420
*Test formulation	Polymer	100 phr	
	Stearic acid	0.5 phr	
	IRM 341 (MgO)	4.0 phr	
	Carbon black IRB 7	30 phr	
	IRM 91 (ZnO)	5.0 phr	

## BAYPREN<sup>®</sup> 711

Packaging	25-kg paper bags with PE inner bags (0.05 mm thick, Vicat softening point DIN 53 460, ca. 75°C); 40 bags per pallet = 1000 kg net also available: 25-kg PE bags; 40 bags per pallet = 1000 kg net
Shelf life	6 months from date of production at temperatures not exceeding 25°C during transport and storage, store and transport under dry conditions; exposure to light has to be avoided; protect open skids from light / sunlight.

BAYPREN<sup>®</sup> is a Registered Trademark of Bayer AG, Germany

**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 LANXESS products mentioned in this publication. For materials mentioned which are not LANXESS 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 LANXESS Corporation representative or contact the Product Safety and Regulatory Affairs Department at LANXESS.

### LANXESS Corporation

111 RIDC Park West Drive · Pittsburgh, PA 15275 · Phone: 1-800-LANXESS · [www.US.LANXESS.com](http://www.US.LANXESS.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.

Note: The information contained in this publication is current as of May 17, 2010. Please contact LANXESS Corporation to determine if this publication has been revised.

Issue number: LXS 04 / Date of issue: May 17, 2010 / Previous issue from January 06, 2006 / Information current as of date of issue. Please contact your LANXESS representative to determine if this publication has been revised.