



# ARLANXEO

Performance Elastomers

## **BAYPREN® RUBBER** **PRODUCT PORTFOLIO**

Chloroprene rubber from ARLANXEO, the first class all-round polymer for a wide range of applications

[www.arlanxeo.com](http://www.arlanxeo.com)

Product	Crystallization rate	Mooney viscosity <sup>(1)</sup> ML (1+4) 100°C	Density (g/cm <sup>3</sup> ) approx.	Packaging	Remarks
<b>General purpose grades</b>					
Baypren® 110	very low	41 ± 5	1.23	paper	
Baypren® 110	very low	49 ± 5	1.23	paper/PE	
Baypren® 110	very low	65 ± 7	1.23	PE	25 kg paper bags with PE <sup>(2)</sup> inner bags 40 bags pallet = 1,000 kg net; 35 bags pallet = 875 kg net;
Baypren® 112	low	41 ± 8	1.23	paper	
Baypren® 210	medium	43 ± 4	1.23	paper/PE	20 kg PE bags 50 bags per box = 1,000 kg net
Baypren® 210	medium	48 ± 4	1.23	paper/PE	
Baypren® 211	medium	39 ± 4	1.23	paper	excellent physical properties, good oil resistance, flame retardancy and high weathering and ozone resistance; standard grades for best aging resistance
Baypren® 230	medium	100 ± 8	1.23	paper	
Baypren® 230	medium	108 ± 10	1.23	paper	
<b>Xanthogen disulfide-modified grades</b>					
Baypren® 116	very low to low	43 ± 5	1.23	paper	see above excellent mechanical properties due to formation of perfect network
Baypren® 116	very low to low	49 ± 5	1.23	paper	
Baypren® 126	very low to low	70 ± 7	1.23	paper/PE	
Baypren® 216	medium	43 ± 5	1.23	paper	
Baypren® 216	medium	49 ± 5	1.23	paper	
<b>Precrosslinked grades</b>					
Baypren® 114	very low	62 ± 10	1.23	PE	see above especially designed for extrusion application
Baypren® 214	medium	55 ± 6	1.23	paper	
Baypren® 215	medium	50 ± 6	1.23	paper/PE	
<b>Sulfur-modified grades</b>					
Baypren® 510	low to medium	42 ± 5	1.23	paper	see above suitable for mastication; easy to process; for dynamic applications
Baypren® 510	low to medium	50 ± 5	1.23	paper	
Baypren® 611	low to medium	43 ± 6	1.23	paper	
Baypren® 611	low to medium	48 ± 6	1.23	paper	
Baypren® 711	low to medium	43 ± 6	1.23	PE	
Baypren® 711	low to medium	48 ± 6	1.23	PE	

<sup>(1)</sup> unmassed (ISO 289)

<sup>(2)</sup> PE-innerlayer 0.05 mm thick, Vicat softening point DIN 53460 ca. 75°C

**Nomenclature of the Baypren® standard rubber grades**

First digit: Tendency to crystallize	Third digit: Special properties
1 = low	0 = standard grades
2 = medium	1+2 = special characteristics, e.g. regarding viscosity or crystallization
5+6+7 = sulfur-modified grades	4 = pre-crosslinked grades
<b>Second digit: Viscosity</b>	5 = pre-crosslinked and XD-modified grades
1 = low	6 = XD-modified grades
2 = medium	
3 = high	

**FOR MORE INFORMATION  
PLEASE CONTACT US**

Make use of our experience!

**Inventing the future together**

Research and development plays a key role at ARLANXEO. The High Performance Elastomers business unit has research and technical centers with testing facilities on almost every continent. Whether you are looking for better compounding ideas or are thinking about developing a new product, our experts will support you.

For direct information, please contact our technical support service. Our Baypren® experts are looking forward to answer your questions.

Your contact to Baypren® experts

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