

LEVAPREN[®] 450

Grade Name
LEVAPREN[®] 450
Product Description

Ethylene-vinyl acetate copolymer (EVM) with 45 wt % vinyl acetate and dusted with separating agents (silica and talc).

Supply Form

Granules, almost colorless

Production Site

Dormagen, Germany

Specifications¹

Characteristics	Limits	Unit	Testing Method	Condition
Mooney Viscosity	20 ± 4	MU	ISO 289/ASTM D 1646	UML(1+4) 100 °C, unmassed
Volatile Matter	≤ 0.6	wt%	ISO 248/ASTM D 5668	105 °C, 6h
Vinyl acetate content	45 ± 1.5	wt%	Internal Method LP 015	(VAC)
Total Ash	≤ 0.8	wt%	According to ISO 247/ASTM 5667	10min at 800 °C

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

Typical Product Features²

Characteristics	Limits	Unit	Testing Method	Condition
Density	≈ 0.99	g/cm ³	INN PV 476	

²Not to be considered as delivery specification.



LEVAPREN[®] 450**Identification**

The bags are marked with the Levapren[®] Grade name, lot number and single bag number. Additional cardboard boxes are marked with the Levapren[®] Grade name only. The pallets/boxes are marked with the producer name and address, product name, lot number and net weight. All pallets/boxes are marked with a unique 20-digit code (Stock Unit Number) for traceability.

Packaging

The material is filled and packaged in 25 kg bags (film based on EVA-Copolymer resin, melting point 93 °C, film thickness 0,13 mm) and delivered on a wooden pallet containing 40 bags (net weight per pallet 1000 kg) covered by a PE stretching film. If requested, the material can be delivered in Big Bags (net weight per Big Bag 700 kg).

Storage Conditions

Store under moderate temperatures and dry conditions in original packaging. Avoid exposure to the light. Do not stack pallets/boxes at storage. The temperature for storage shall not exceed +40 °C and only if flowability of the Granules is no keyfactor. Keep storage to a minimum. Granules tends to block at temperatures above +25 °C or if stored improperly. For this reason, the flowability of this product is explicitly not warranted. If flowability is an important keyfactor for your process, ask your ARLANXEO customer contact for other product solutions.

Shelf Life

36 month from date of production (see CoA) warranted under the above mentioned storage conditions. The expiration of the best before date does not necessarily mean that the product has become unusable. However, before using such a product, it is necessary that the customer check the product as to whether the Specifications of the product are still present. ARLANXEO does not assume a warranty or liability for compliance with the Specifications after Expiration of the best before date.

Delivery Conditions

Please find our General Conditions of Sale & Delivery at our website www.ARLANXEO.com

Document Validity

This product specification becomes valid with the signature of ARLANXEO and is valid until the next update. Customers will be informed as soon as reasonably practical about changes with regards to the process, to manufacturing plant, to testing methods, etc. which, to the best of our knowledge, may affect the specified properties.

Contact

In case of technical questions, please get in contact with our Technical Support via the known communication channels.



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Signature

ARLANXEO USA LLC
via ARLANXEO Deutschland GmbH
BU High Performance Elastomers
Global HSEQ
Quality Management & Product Stewardship
i.V.



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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

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