

Low Density Polyethylene

DESCRIPTION

Lotrène® LA0710 is mainly recommended for the extrusion coating at high speed. It contains no additive.

PROPERTIES

The structure of Lotrène® LA0710 allows it to be used for thin gauge coating at very high speeds onto various substrates.

Lotrène® LA0710 has good mechanical properties, low neck-in and excellent heat sealability. It exhibits also a good adhesion to both porous and non-porous substrates.

POLYMER PROPERTIES	VALUE	UNIT	TEST METHOD
Melt Flow Index	8.0	g/10 min.	ASTM D-1238
Density @ 23 °C	0.918	g/cm3	ASTM D-1505
Crystalline Melting Point	105	°C	ASTM E-794
Vicat Softening Point	87	°C	ASTM D-1525

COATING PROPERTIES	VALUE	UNIT	TEST METHOD
Minimal coating weight	6	g/m2	Internal
Neck-in	10	%	Internal

(Coating condition: Extruder: 32 L/D, Screw diameter: 75 mm, Screw speed: 50 rpm, Die gap: 0.7 mm, Die width: 500 mm, Air gap: 145 mm, Melt temperature 320 deg C.)

APPLICATIONS

Coating and /or Lamination of:

- Paper
- Paper board
- Aluminum
- Cellophane film
- Photographic paper
- Polymer film
- Tarpaulin
- Paper / Aluminum
- PE Film / Aluminum

HANDLING & STORAGE

Polyethylene products should be stored in their original packaging or in clean appropriate silos. The products should be stored in a dry and well-ventilated area and should not be exposed to direct sunlight and/or heat in any form since this may adversely affect their properties. As a general rule, our products should not be stored for more than three months from receipt date.

SAFETY

Under normal conditions Lotrène® products do not present a toxic hazard through skin contact or inhalation. For detailed information please refer to the Safety Data Sheet.

FOOD CONTACT & REACH

Lotrène® polyethylene products manufactured by Qatofin Company Ltd (Qatofin) comply with US, EU and other food contact legislations. Limitations may apply. Please contact your Muntajat representative for detailed compliance certificates.

All Qatofin Lotrène products are complying with REACH Regulation 1907/2006/EC. The aims of this regulation are to improve the protection of human health and the environment through better and earlier identification of the intrinsic properties of chemical substances.

NOT SUITABLE FOR PHARMACEUTICAL OR MEDICAL APPLICATIONS

Lotrène® products are not suitable for pharmaceutical or medical applications.

TECHNICAL DISCLAIMER

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited for and the information is applicable to the user's specific application. Any data included herein is based upon analysis of representative samples in a laboratory environment and not the actual product shipped. The values indicated in this datasheet should not be used for specification purposes. The information in this document relates only to the named product or material when not in combination with any other product or materials. The information is based on data believed to be reliable on the date compiled. We do not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues for which any liability for infringement or alleged infringement are fully disclaimed, as well as any international laws which may be encountered in the use thereof. Such questions should be investigated by the user. Trademarks may not be used in any manner other than expressly authorized in a written agreement and no trademark or license rights of any kind are granted hereunder, by implication or otherwise.



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