SAFFRON GROUP

LA0710 - Low Density Polythylene

Product Specification

DESCRIPTION

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

PROPERTIES

The structure of LA0710 allows it to be used for thin gauge coating at very high speeds onto various substrates.
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 ℃	0.918	g/cm3	ASTM D-1505
Crystalline Melting Point	105	℃	ASTM E-794
Vicat Softening Point	87	℃	ASTM D-1525

COATING PROPERTIES	VALUE	UNIT	TEST METHOD
Minimal Coating Weight	6-Jan	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.)

PROCESSING

LA0710 can be easily processed on all standard extrusion coating machines. However, in order to obtain the best uniform thickness and width, it is advisable to use an extruder with an L/D ratio at least 20:1, the melt temperature is suggested to be in the range of 280-330 °C.
The output depends on the nature of the substrate, the thickness of the coating and the temperature of the material.

FOR MORE INFORMATION :
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APPLICATION

Coating and /or Lamination of:

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

HANDLING AND 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 LA0710 product does not present a toxic hazard through skin contact or inhalation. For detailed information please refer to the Safety Data Sheet.

NOT SUITABLE FOR PHARMACEUTICAL OR MEDICAL APPLICATIONS

LA0710 product is not suitable for pharmaceutical or medical applications.

Technical Disclaimer

The values reported in this technical data sheet are the results of tests carried out in accordance with standard test procedures in a laboratory environment. Actual properties may vary depending on batch and extrusion conditions. Therefore, these values should not be used for speci cation purposes. 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 speci c use in question, and is further advised against relying on the information contained herein as it may relate to any speci c use or application. It is the ultimate responsibility of the user to ensure that the product is suitable for, and the information is applicable to, the user's speci c application. Muntajat does not make, and expressly disclaims, all warranties, including warranties of merchantability or tness for a particular purpose, regardless of whether oral or written, expressed 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 risks and liabilities, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. 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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