



# SABIC® LDPE HP0824NDF

LOW DENSITY POLYETHYLENE FOR FOAMING

## DESCRIPTION

SABIC® LDPE HP0824NDF is a grade typically used in foam applications. It is without slip and anti-block additives. This grades is ideally suitable for crosslink- and non-crosslink foaming processes using both physical and chemical blowing agents.

## TYPICAL APPLICATIONS

SABIC® LDPE HP0824NDF can be typically used for all types of foam, produced with chemical blowing agents or physical gases, X-linked and non X-linked. The main applications are:

Packaging, Construction, Automotive, Footwear, Sports & Leisure

Contact SABIC for detailed information about this resin and its applications.

This product is not intended for and must not be used in any pharmaceutical/medical applications.

## TYPICAL PROPERTY VALUES

Revision 20200221

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES <sup>(1)</sup></b>			
<b>Melt Flow Rate (MFR)</b>			
AT 190 OC and 2.16 kg	0,8	dg/min	ISO 1133
<b>Density</b>	924	kg/m³	ASTM D1505
<b>THERMAL PROPERTIES</b>			
<b>Melting Point</b>	111	°C	SABIC method
<b>Vicat Softening Point</b>	97	°C	ASTM D1525
<b>Crystallization Temperature</b>	97	°C	ISO 11357-3
<b>Av. Heat of Fusion</b>	115	J/g	ISO 11357-3

(1) Typical values; not to be construed as specification limits.

## PACKAGING

Polyethylene resins (in pelletized or powder form) should be stored in such a way that it prevents exposure to direct sunlight and/or heat, as this may lead to quality deterioration. The storage location should also be dry, dust free and the ambient temperature should not exceed 50 °C. Not complying with these precautionary measures can lead to a degradation of the product which can result in color changes, bad smell and inadequate product performance. It is also advisable to process polyethylene resins (in pelletized or powder form) within 6 months after delivery, this because also excessive aging of polyethylene can lead to a deterioration in quality.

## CHARACTERISTICS

SABIC® LDPE HP2024NDF is a grade typically used in foam applications. It is without slip and anti-block additives. It demonstrates the following main properties: • Good processability • High consistency • Excellent foamability • Dimensional stability

## DISCLAIMER

Any sale by SABIC, its subsidiaries and affiliates (each a "seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer's particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.