



GRAFTAPOR™ LLDPE 02080

Porous Linear Low Density Polyethylene Carrier

Product Data

Description

GRAFTAPOR™ LLDPE 02080 is a porous polymer carrier for additives, made from LLDPE resin. It's mainly designed to act as a carrier for additives that are harder to dose during polymer compounding.

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Characteristics	Value	Unit	Test Method
Melting point	120	°C	ISO 11357-3
Density	0,200	g/cm ³	ISO 1183 / ASTM D1505
Porosity	80*	%	Graft Polymer Internal Method

(*) can be adjusted to customer needs.

Supplied as: Granulate

Applications

- GRAFTAPOR™ LLDPE 02080 is used to make polymer compounding easier, by absorbing liquid, powder, low melting or thermally sensitive additives.
- Can absorb solid or paste additives, with melting point up to 40°C below the melting point of GRAFTAPOR™ LLDPE 02080.

Processing

- For the loading of additives into GRAFTAPOR™ LLDPE 02080, mix at low rpm (5-30 rpm) and at loading time from 30 min up to 72 h.
- Absorption time depends on the viscosity of additive.
- At higher loading temperatures and faster mixing, the porous structure may collapse.
- Up to 80% of additive content can be loaded onto the polymer carrier.

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Product Data Sheet

Storage and Transportation

MSDS provided to recommend safe practices during use and storage. Improper storage conditions may cause degradation and have consequences on physical properties of the product. For easy handling and storage normally packed in 7 kg bags (Up to 50 bags per pallet).

Shelf Life: Two years from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

The data listed here falls within the normal range of properties, but they should not be used to establish specification limits nor used alone as the basis of design. The GRAFT POLYMER Company assumes no obligations or liability for any advice furnished or for any results obtained with respect to this information. All such advice is given and accepted at the buyer's risk. The disclosure of information herein is not a license to operate under, or a recommendation to infringe, any patent of GRAFTAPOR™ or others. Since GRAFT POLYMER cannot anticipate all variations in actual end-use conditions, GRAFT POLYMER makes no warranties and assumes no liability in connection with any use of this information.

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