



GRAFTAPOR™ PLA 00580

Porous Polylactic Acid Additive Carrier

Product Data

Description

GRAFTAPOR™ PLA 00580 is a porous polymer carrier for additives, made from polylactic acid 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	210	°C	ISO 11357-3
Density	0,250	g/cm ³	ISO 1183
Porosity	80%	%	Graft Polymer Internal Method

(*) can be adjusted to customer needs.

Supplied as: Granulate

Applications

- GRAFTAPOR™ PLA 00580 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 50°C below the melting point of GRAFTAPOR™ PLA 00580.

Processing

- For the loading of additives into GRAFTAPOR™ PLA 00580, mix at low rpm (5-30 rpm) and at loading time from 30 min up to 72 h.
- 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.

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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