GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTAPOR™ PP 02080 | Porous Polymer Carrier

Product Description

GRAFTAPOR™ PP 02080 is a porous polymer carrier for additives, made from polypropylene resin. It is designed to carry additives that are difficult to dose during polymer compounding.

Typical Properties

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

Physical Form	granules	
Melting point	160 °C	ISO 11357-3
Density	0.35 g/cm^3	ISO 1183
Porosity	>80 % (*)	Internal Method

(*) can be regulated to customer needs

Applications

GRAFTAPOR™ PP 02080 makes polymer compounding easier by absorbing liquid, powder, low-melting or thermally sensitive additives. It can absorb solid or paste additives with a melting point up to 40 °C below its own melting point.

Processing & Dosage

To load additives into GRAFTAPOR™ PP 02080, mix at low speed (5–30 rpm) for 30 min to 72 h. Absorption time depends on the viscosity of the additive. At higher loading temperatures and faster mixing, the porous structure may collapse. Up to 80 % additive can be loaded onto the carrier.

Storage and Transportation

MSDS provided to recommend safe practices during use and storage. Improper storage conditions may cause degradation and affect the product's physical properties. For easy handling and storage, it is normally packed in 8 kg bags (up to 55 bags per pallet).

Store in the original packaging in a cool, dry, well-ventilated area, away from heat sources, moisture and direct sunlight.

Shelf Life

36 months from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

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