GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTAMID™ PO-PA 00106 | Toughening Alloy

Product Description

GRAFTAMID™ PO-PA 00106 is an alloy of a POE matrix and polyamide 6 with improved thermo-mechanical properties. It offers chemical resistance, low moisture uptake and easy processing, and can be used as a compatibilizer for PA blends and compounds or as a standalone material.

Typical Properties

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

Physical Form	granules	
Density 20 °C	0.931 g/cm^3	ASTM D792 / ISO 1183
Melt flow rate (MFR) 250 °C / 2.16 kg	1 g/10 min (*)	ASTM D1238 / ISO 1133
Stress at yield 50 mm/min, injection moulded	10 MPa	ISO 527
Elongation at break 50 mm/min, injection moulded	> 120 %	ISO 527
Shore D hardness	37	ISO 868

(*) can be regulated to customer needs

Applications

Applications requiring a high service temperature.

Cable compounds.

Chemical packaging.

PA blends and compounds.

Processing & Dosage

GRAFTAMID™ PO-PA 00106 is processable on most thermoplastic processing equipment.

Storage and Transportation

MSDS provided to recommend safe practices during use and storage. For easy handling and storage, it is normally packed in 25 kg bags (50 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

Please refer to our technical services.

GRAFT POLYMER D.O.O.
Struge 18, Borovnica 1353 Slovenia
Company Num. 8056200000, VAT. SI 30561345
info@graftpolymer.com

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 GRAFTABOND™ 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.