

Uniplex FRP-64

Plastic Additives / Flame Retardants

Description

Uniplex FRP-64 is a solid flame retardant with a high chemical resistance combined with an excellent light stability.

Chemical composition

Poly (2,6-Dibromophenylene oxide)

CAS Registry Number

69882-11-7

Typical properties

| | |
|-------------------------|------------------|
| Appearance: | light tan powder |
| Bromine content: | 64 % |
| Sodium bromide content: | < 0.10 % |
| Tribromophenol content: | < 0.15 % |
| Loss in drying: | < 1.0 % |
| Melting range: | 210 – 240°C |
| Iron content: | < 2 ppm |

Storage

If stored correctly the product has a shelf life of at least 3 years.

Applications

Uniplex FRP-64 is used as flame retardant in thermoplastics such as unfilled and reinforced thermoplastic polyesters (PET and PBT) and polyamides (PA 6 and PA 66).

It is especially recommended for applications where high chemical resistance and minimal thermal discoloration is required such as in E&E applications.

Product safety

Relevant safety data and references as well as possibly necessary warning labels are to be found in safety data.

® = registered trade mark



This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold and our advisory service is given in accordance with the current version of our General Conditions of Sale and Delivery.

LANXESS Deutschland GmbH
Business Unit Additives
Kennedyplatz 1
D-50569 Cologne, Germany
<http://add.lanxess.com>

