

The fusion of more safety,
performance and stability
EXOLIT® OP 1400



The fusion of more safety, performance and stability

EXOLIT® OP 1400

Exolit OP 1400 is a highly stable non-halogenated phosphinate based flame retardant for polyamides, offering a very broad processing window for all Electric and Electronic applications used in hot and humid environments.

Exolit OP 1400 was awarded the Clariant EcoTain® label. EcoTain products offer outstanding sustainability advantages and have undergone a systematic, in-depth screening process using 36 criteria in all three sustainability dimensions: social, environmental and economic. For more information: CLARIANT.COM/ECOTAIN

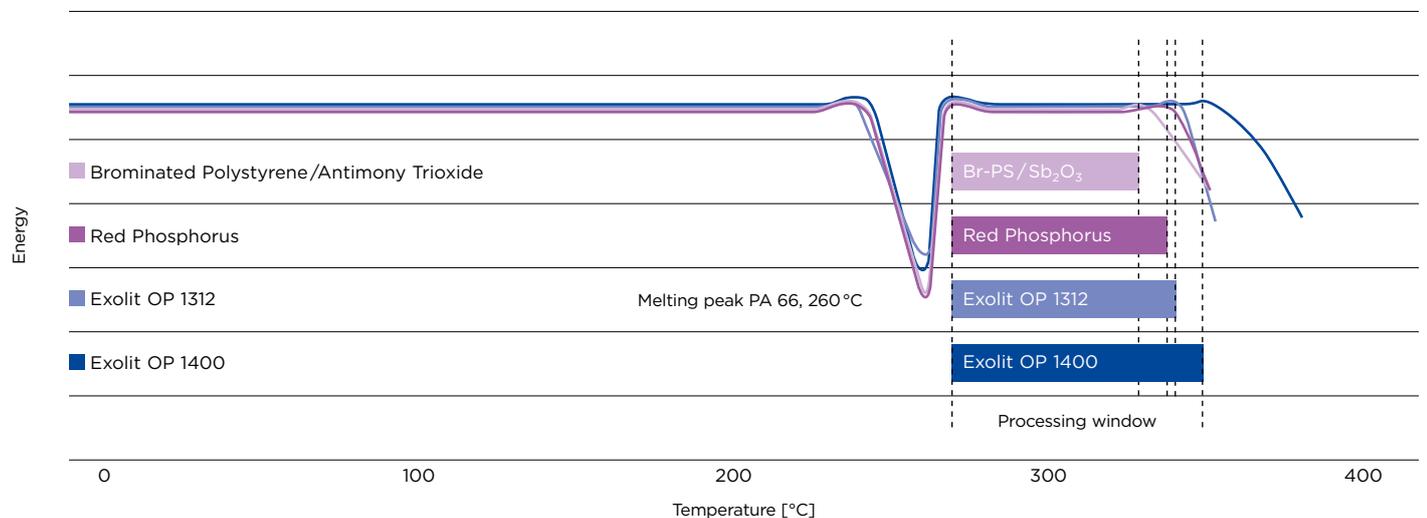
KEY PRODUCT FEATURES

- Achieves Underwriters Laboratories (UL) 94V-0 classification down to 0.4 mm thickness and Current Tracking Index (CTI) values of 600 Volt
- Superior processing stability
- Suitable for applications in hot and humid environments
- Minimizes the risk of mold deposits
- Low smoke density and toxicity in case of fire

YOUR BENEFITS

- Increased compound throughput
- Usable for complex molds due to its high thermal stability
- No hazardous substances (RoHS compliant, European Directive on Restriction of certain Hazardous Substances in E & E)
- Good recyclability (WEEE compliant, European Directive on Waste of Electric and Electronic Equipment)
- Low density for light weight applications
- Compliant with the stringent fire safety standard for rolling stock applications in the EU (EN 45545-2)

OUTSTANDING PROCESSING WINDOW WITH EXOLIT OP 1400



Polyamide 66, 30% glass fibre reinforced (PA 66 GF 30) compounds UL 94 V-0, UL bars (source: Clariant lab).
Differential Scanning Calorimetry (DSC): 10 K/min under nitrogen.
These are DSC data.
The maximum processing temperatures depend on recipes and have to be determined individually.

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. *Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

* For sales to customers located within the United States and Canada the following applies in addition:
NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE.

® Trademark of Clariant
© 2016 Clariant Plastics & Coatings Ltd



CLARIANT PLASTICS & COATINGS
(DEUTSCHLAND) GMBH
Am Unisys Park 1
65843 Sulzbach am Taunus
Germany

FLAME RETARDANTS
CUSTOMER SERVICE
Phone + 49 6196 757 6620
Email Flameretardants@clariant.com

CLARIANT.COM/FLAMERETARDANTS
CLARIANT.COM