

TROVOtech *about us*

TROVOtech manufactures a unique range of porous glass particles used as functional additives in polymer formulations. These chemically and physically modified particles help to optimize specific plastics properties. They are manufactured from glass foam produced in a proprietary high-temperature extrusion process. TROVO® powder is available in a wide-ranging product portfolio including halogen and phosphorous-free flame retardant systems combining TROVO® powder B with melamine cyanurate or phosphorous compounds.

Environmentally friendly solutions, not harmful to health and recyclable are main characteristics of TROVOtech's functional additives. These products lead to lower filling levels and save resources.

In a world where the resources are limited and the consumption of the resources are 1.5 times higher than the resources of the world it is an objective of TROVOtech to save resources and to protect the environment.

TROVOtech sees it as a part of its company philosophy to be engaged in protecting the environment and is therefore engaged in activities of Tropica Verde e.V.



TROVOtech *Applications*

TROVO® powder B

...❖ Flame Retardant Synergist

- intumescent effect
- environmentally friendly
- halogen-free
- improving mechanical properties
- cost saving

TROVO®guard

...❖ Antimicrobial

- porous glass particles with inorganic silver ions
- without nano-silver
- antibacterial and antifungal
- long time efficiency

TROVO® powder

...❖ Inert Porous Carrier

- for metals ions, e.g. zinc, tin, copper
- for organic substances, e.g. catalysts
- less quantities of functional additives, because of better dispersion in compounds

 www.trovotech.de

Flame retardant in PA · PBT · PET ...

...❖ TROVO® powder B

Environmentally friendly
halogen-free solutions



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TROVOtech

functional inorganic additives

...❖ www.trovotech.de/Flammschutz
...❖ www.trovotech.com/flame-retardants

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Save the Nature

Engaged in Costa Rica

Impenetrable green. Heavy rain and the secret eyes of the jaguar – what we connect with the term »tropical forests« represents mostly just a very small part of the real picture. Reality often looks totally different: totally different – but also much more exciting and varied than in our imagination!

Unsurpassed Richness in Species

Of all terrestrial biomes the tropical rainforest possesses the largest variety of species and is home to perhaps as many plant and animal species as in all other terrestrial biomes, altogether.

The reason for this high species diversity is seen in the complexity of its vegetation. Shrubs and trees appear to be arranged on numerous different levels. Especially in the treetops of these giant rain forest trees, a lot of inhabitants of the tropical rainforest feel especially comfortable.

TROVOtech supports Tropica Verde e.V.

Tropical Forests

Unique and Diverse



❖ Environmental Protection

Help to support

Tropica Verde e.V.

Tropical rainforests are the most complex and species-rich ecosystems on Earth. They stabilize the climate and regulate the water supply. They supply us with food, medicine, timber, fibre, and many other raw materials for uncountable purposes for our daily needs. They are the livelihood and home for millions of people.

Nevertheless, the destruction of these unique habitats is progressing unabatedly. Year after year, about 13 million hectares are irretrievably destroyed. As a consequence, with every passing day, numerous animal and plant species disappear forever from our planet. The consequences of this ruthless exploitation are, at the same time, impossible to assess.

For us, protecting rainforests means conserving biological diversity and beauty, alleviating poverty, and safeguarding the future.

Every individual has the possibility to act and change something. Now!

❖ www.tropica-verde.de