

**m-haditec GmbH**

Georg-Wulf-Str. 15 - D-28199 Bremen  
Tel: +49 (0)421 4793832 - Fax: +49 (0)421 3331667  
Web : www.halal-zertifikat.de E-Mail: info@halal-zertifikat.de



Cooperations-Partner of Islamic Centre Hamburg (Imam Ali Mosque), Islamisches Bildungs- und Kulturzentrum Österreich (Austria), Enzyklopädie des Islam (eslam.de), RAL-Gütesiegel Halal (Germany), Islamic Republic of Iran, Halal Development Council, Halal Research Council, Mufties Council of Russia, Halal Transaction of Omaha

In The Name of The Most High

# Halal Certificate

شهادة حلال - Halal Zertifikat

It is hereby declared that the following product-groups

**Depth Filter Sheets, Filter Cartridges, Filter Modules, Goods for Resale**  
(see Appendix)

of the company

**Pall Filtersystems GmbH**

*Planiger Straße 137, 55543 Bad Kreuznach / Germany*

**Pall Modultechnik GmbH**

*Rotlay Mühle, 55545 Bad Kreuznach / Germany*



are classified as "pure" [tahir] and permitted according to ritual Islamic regulations and therefore evaluated as "halal" (حلال).

See the **detailed reasons** for the Halal Certification on the next pages.

The company **Pall Filtersystems GmbH** is therefore entitled to use the Halal Certificate for its product-groups

**Depth Filter Sheets, Filter Cartridges,  
Filter Modules, Goods for Resale**

during the time-period **24.9.2017 - 23.9.2018**

Certificate-Register-No.: **230918padeoey**

The company, Pall Filtersystems GmbH, undertakes to report any significant changes in the production process during the certified period.

Bremen, 15<sup>th</sup> September 2017

(Dr. Yavuz Özoguz)

m-haditec GmbH  
Sitz der Gesellschaft Bremen  
Amtsgericht Bremen, HRB 22270  
Ust-IdNr.: DE284104460

Geschäftsführer:  
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## Justification

*The mentioned product-groups do not contain any additives, which could be qualified as impure [najis] according to Islamic law, are not produced from any impurity [najasat] and do not contact any impurity during the production process. This has been evaluated by Muslim experts based on the presented documents, on the existing list of additives and yearly plant visits since 2013 last on the 12<sup>th</sup> September 2017 in Bad Kreuznach (Germany).*

The raw material is acquired worldwide and delivered in commercially available packages and units. As there is no contradicting information, pure vegetable, mineral and synthetically raw materials have to be qualified as "ritual pure" [tahir].

The raw materials storage as well as the products storage depend on its quantity of delivery e.g. in in-house stocks. The raw material is not contacted by human skin in any situation during its storage. All raw materials originate from vegetable, mineral or syntactically sources, which mean that any possible contamination can be excluded.

During production the mentioned products do basically pass units of mechanical crushing and mixing processes in fluidized condition and specific heat processes. Operations used are fulfilled in mixing-units, pulpers, refiners, dryer, formatting units and assembling. Due to the fact, that the complete production is based on halal material special Halal-Areas and special Cleanings are not necessary.



Raw materials of larger quantities are filled after manual or mechanical transport to the units. Components of minor amount are added manually after initial weight. In all sector, where a direct contact with the filter is possible, all employees are obligated to wear gloves, as it is obligated in nearly all other sectors of the production. Any wet contact with human skin can therefore be excluded. Inside the only unit, in which a direct skin contact is necessary, the air conditioning leads to

avoidance of human wetness. Any contact with non expected fluids can also be excluded due to quality reasons as well as during the storage and the production of the at least dry products.

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Machines and instruments are cleaned in planned intervals. The used cleaning agents do not contain any impure [najis] components from the religious and ritual point of view. Moreover, further cleaning steps are applied by using water and steam, which means that an existing contamination would be cleaned anyway. In most cases no cleaning agents are used.



The certified products include the following ingredients in different compositions:

- Activated Carbon
- Celluloses
- Diatomaceous Earth
- Glasfiber nonwovens
- Glass filled Polypropylene
- Hydrogen peroxide
- Injection Molding Parts
- PES-Membranes
- Microcrystalline Cellulose
- Perlits
- PP nonwovens
- PP plastics
- Polyamid Plastics
- Polyester
- Polypropylene
- Sealings
- Sodium hydroxide
- Sulfuric acid
- Perlite
- Polyolefine Fibres
- Wet Strength Resin

The detailed compositions of all ingredients have been presented and evaluated. All mentioned ingredients are from pure vegetable, mineral or synthetically sources and therefore ritual pure [tahir] and permitted for Muslims. Even in cases of ingredients which theoretically could be from an animal source, as for instance some waxes used, the company purchase department pays great attention that a vegetable or synthetically origin is assured.



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All used packaging material is also pure [tahir] from the Islamic point of view.

A strict prohibition of alcohol for employees exists inside the production site. This is further announced by notices. Possible offences are being punished drastically by the plant management, which was assured convincingly.

Furthermore the company applies a quality and environmental management system and fulfils the requirements DIN EN ISO 9001 and ISO 14001.

## **Conclusion**

*The transparency of all production stages as well as the information of all used material inside the facilities do not let any doubt, that the mentioned product-groups*

**Depth Filter Sheets, Filter Cartridges, Filter Modules, Goods for Resale  
(see Appendix)**

*have to be classified as "pure" [tahir] and permitted and are therefore "halal" (حلال) for Muslims of all schools [madhahib].*



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## Appendix: List of certified Products

### Depth Filter Sheets

K-Series  
AKS-Series  
Bio-Series  
IR-Series  
T-Series  
HR-Series  
HS-Series  
ZD-Series  
SUPRAdur 50,100  
D 400,  
PERMAdur S  
P-Series  
- all types - different grades and configurations

### Filter Cartridges

MEMBRAdart XL II  
PREcart PP II  
MICROsorp  
FUENTE  
Supor Beverage Filter (SBB)  
- all types - different grades and configurations

### SUPRAdisc/-cap Modules

SUPRAdisc I Modules  
SUPRAdisc II Modules  
SUPRAcap  
- all types - different grades and configurations

### SUPRApak Modules

SW-Series  
SR-Series  
SH-Series  
PW-Series  
PR-Series  
ZD-Series  
- all types - different grades and configurations

### STAX Modules

- all types - different grades and configurations

### Goods for resale

Diatomaceous earth (Kieselgur)  
Perlite  
- all types - different grades and configurations