

Chemistry. Pure. Efficient.

Highly Active Zeolite Adsorbent

ZEOflair powder is a highly active adsorbent for the removal of undesirable odors and volatile organic compounds (VOC) in thermoplastics, thermoplastic elastomers, films, bioplastics, biocomposites, fibers, textiles, adhesives, and coatings. ZEOflair powder is an easy to handle, free flowing powder. ZEOflair products are non-toxic, odorless, and temperature stable.

Application

ZEOflair products can easily be incorporated as an additive. The typical amount of ZEOflair in the final product is between 0.3% and 1.5% and does not alter any physical, chemical and mechanical properties. ZEOflair powder can effectively and permanently adsorb a wide range of hydrocarbons, solvents and other toxic and non-toxic substances down to ppm levels. This effect is even shown in the presence of water.

Various types of ZEOflair powders offer different adsorption selectivities for the targeted hydrophobic (nonpolar) and/or hydrophilic (polar) compounds.



Removal of undesirable odors & VOCs in:

- Thermoplastics / Thermoplastic Elastomers
- Films
- Bioplastics / Biocomposites
- Fibers/Textiles
- Adhesives / Coatings
- Recycled Polyolefins (for upcycling)

Type		Selectivity for	
		← Hydrophilic VOC	Hydrophobic VOC →
110	Powder		++++
100	Powder		+++
350	Powder		++
800	Powder	+	+
810	Powder	+	+

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Typical Properties	Unit	Value
Average particle size	µm	< 7
Appearance, form		white powder
LOI (loss on ignition)	wt%	< 8
Thermal stability	°C	> 800

CAS Number: 1318-02-01

EINECS Number: 215-283-8 (930-985-0: REACH associated)

REACH Number: 01-2119455853-31-0027

Customs tariff: 2842.10

Chemical Inventories

ZEOflair products are in compliance with the following chemical inventories:

- United States: Toxic Substances Control Act Inventory (TSCA)
- Canada: Domestic Substances List (DSL)
- Europe: European Inventory of Existing Chemical Substances (EINECS)
- Australia: Australian Inventory of Chemical Substances (AICS)
- Korea: Korean Existing Chemicals List (KECL)
- Japan: Japanese Inventory (ENCS)
- China: Inventory of Existing Chemical Substances Produced or Imported in China (IECSC)

About Us



Mission

Zeochem AG, a manufacturer of molecular sieves, high quality irregular and spherical silica gels and deuterated compounds, was founded more than 200 years ago. Its headquarters is based in Switzerland. Zeochem is a subsidiary of the Swiss CPH Chemie + Papier Holding AG.

Quality

Our products are analyzed and certified by our state-of-the-art quality control lab. Zeochem AG uses its own test methods and applies proprietary test procedures specific to customer applications to ensure that our products enable the expected performance. Zeochem AG is ISO 9001:2015 certified.

Environment

Zeochem AG regards the careful use of natural resources and safe production processes, as well as ensuring minimal pollution among its critical goals.

The company is a member of the Swiss Private Sector Energy Agency and is committed to the principles of "Responsible Care".

ZEOCHEM®

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