

ZEOflair™ 810

Technical Datasheet



ZEOflair 810 is a highly active, hydrophobic adsorbent for the removal of undesirable odors, flavors, and VOCs. Due to its three-dimensional open structure, ZEOflair 810 effectively removes odor/VOC molecules, including cyclic, highly branched, and some very polar compounds. This special adsorbent system can be easily incorporated as an additive to existing polymer formulations through a master batch or direct compounding.

ZEOflair 810 is strongly selective for the adsorption of a wide range of odors/VOCs from air, various packaging materials, and formulations, even in high humidity conditions. It can effectively reduce a range of organic and inorganic compounds to ppm levels, despite the presence of liquid water. Potential ZEOflair 810 applications for odor/VOC control include polymer & paper packaging, coatings, adhesives, inks, gas streams, and personal care formulations.

Typical Properties (all nominal values)	Value	Unit
Average particle size	<7	µm
Appearance, form	white powder	
LOI (loss on ignition), 950°C	<8	wt%
Thermal stability	>800	°C

Additional Information

Packaging	Steel drums of 20 kg and Steel drums of 100 kg
Storage	When stored in original sealed packages in a cool, dry condition, the product has a shelf life of five years if packaged in drums.
Safety	In accordance with Regulation (EC) No. 1272/2008 (GHS/CLP), the product does not need to be classified or labeled.
CAS No	1318-02-1
EINECS No	930-985-0
REACH No	01-2119455853-31-xxxx
Customs tariff	2842.10