

VP AEROPERL® P 25/20

Developmental hydrophilic fumed titanium dioxide (TiO₂)*

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	35 - 65
pH value in 4% dispersion		3.0 - 4.5
Loss on drying** 2 hours at 105 °C	%	≤ 2.5
Tamped density**	g/l	approx. 700
TiO ₂ content based on ignited material	%	≥ 99.50

** ex plant

The data represents typical values (no product specification)

Registrations (substance or product components)

VP AEROPERL® P 25/20

CAS-No.	13463-67-7
REACH (Europe)	registered
TSCA (USA) DSL (Canada)	registered
ENCS (Japan) IECSC (China) KECI (Korea) CSNN (Taiwan) PICCS (Philippines)	registered
AICS (Australia) NZIoC (New Zealand)	registered

VP AEROPERL® P 25/20 is a specially granulated, hydrophilic fumed titanium dioxide.

Applications and properties

Properties

- Microgranulate with an average particle size of 20 µm
- High catalytic and photocatalytic activity
- Good flow behavior
- Low-dust handling
- Easy separation / sedimentation from liquids and gases
- High purity and density

Applications

- Catalyst or catalyst substrate for chemical and photochemical reactions
- Substrate for noncatalytic applications

* Products under development are marked by the prefix VP. Although VP products are already being produced on a commercial scale, their future availability can not yet be guaranteed. Their use has also been tested only for the applications indicated for the VP products.

Safety and handling

A safety data sheet will be provided with your first delivery and with subsequent revisions. Additionally, the Product Safety Department of Evonik Resource Efficiency GmbH can be contacted via mail at sds-hu@evonik.com for specific questions. We recommend to read the safety data sheet carefully prior to use of the product.

Packaging and storage

VP AEROPERL® P 25/20 is supplied in multiple layer 20 kg bags on 400 kg pallets. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. VP AEROPERL® P 25/20 should be used within 2 years after production.

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