

# VP Disp. W 2730 X

## Developmental aqueous dispersion of hydrophilic fumed titanium dioxide\*

### Characteristic physico-chemical data

| Properties and test methods                                  | Unit              | Value     |
|--|-------------------|-----------|
| pH value   |                   | 6.0 - 8.0 |
| Density<br>20°C  | g/cm <sup>3</sup> | 1.28      |
| Mean aggregate size<br>d-50 value                            | nm                | ≤ 100     |
| TiO <sub>2</sub> content<br>based on ignited material        | %                 | 29 - 31   |
| Viscosity<br>measured at a shear rate of 100 s <sup>-1</sup> | mPa s             | ≤ 5000    |

The data represents typical values (no product specification)

### Registrations (substance or product components)

#### VP Disp. W 2730 X

|  |   |
|--|---|
| CAS-No.*   | 13463-67-7  |
| EINECS (Europe),<br>TSCA (USA),<br>DSL (Canada),<br>AICS (Australia),<br>ENCS (Japan),<br>IECS (China),<br>KECI (Korea),<br>PICCS (Phillippines) | All components of this dispersion are listed in the mentioned inventories |

VP Disp. W 2730 X is a developmental dispersion of fumed titanium dioxide with a small particle size.

### Applications and properties

#### Applications

- Photocatalyst
- Catalyst / catalyst carrier

#### Properties

- High (photo-)catalytic activity upon UV-irradiation
- Good transparency in thin layers
- High purity

#### Appearance

- VP Disp. W 2730 X is a milky white fluid

\* Developmental products are labeled with the VP designation. Commercialization depends on market response.

### Safety and handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Resource Efficiency GmbH, Product Safety Department, E-MAIL [sds-hu@evonik.com](mailto:sds-hu@evonik.com) or can be downloaded from our homepage [www.aerosil.com](http://www.aerosil.com). We recommend to read carefully the safety data sheet prior to the use of our product.

### Packaging and storage

Depending on the region, VP Disp.W 2730 X is available in 60 kg containers, 220 kg drums and 1000 kg intermediate bulk containers (IBC's). All dispersions must be protected from extreme heat and frost. The product should be used within twelve months from the date of production. Small amounts of sedimentation are normal.

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