

# ACEMATT® TS 100

## Characteristic physico-chemical data\*)

Properties and test methods	Unit	Value
Loss on drying 2 h at 105° C following ISO 787-2	%	≤ 4
Loss on ignition <sup>1)</sup> 2 h at 1000° C following ISO 3262-1	%	≤ 2.5
pH value 5 % in water following ISO 787-9	-	6.5
Particle size, d50 Laser diffraction following ISO 13320-1	µm	9.5
Surface treatment		none
SiO <sub>2</sub> content <sup>2)</sup> following ISO 3262-19	%	≥ 99
Package size (net)	kg	10
1) based on dried substance 2) based on ignited substance *) The given data are typical values. Specifications on request.		

## Registrations

### ACEMATT® TS 100

CAS-RN of Product	112945-52-5 7631-86-9
Europe (EINECS)	registered
USA (TSCA)	registered
Canada (DSL)	registered
Australia (AICS)	registered
Korea (ECL)	registered
Japan (ENCS)	registered
Philippines (PICCS)	registered
China (IECS)	registered
New Zealand (NZIoC)	registered

ACEMATT® Matting agents are high performance silica developed for a variety of applications in Paints & Coatings.

## Properties and applications

ACEMATT® TS 100 is a thermal, untreated matting agent. ACEMATT® TS 100 is characterised by its outstanding matting efficiency and transparency.

Its unique manufacturing process makes it especially suitable for all types of coating systems, waterbased coatings and for all types of top coat finishes. ACEMATT® TS 100 promotes the formulation of coatings with excellent resistance to household chemicals. Its high purity and resulting low conductivity makes ACEMATT® TS 100 suitable for use in sensitive coating systems.

ACEMATT® TS 100 enhances the flow characteristics and the storage stability of powder coatings.

## Packaging and storage

Our products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore we recommend to store the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content. For this reason, our recommended use-by date is 24 months after date of manufacture. Product more than 24 months old should be tested for moisture content before use in order to make certain that it is still suitable for the intended application.

## Safety and handling

Information concerning the safety of this product is listed in the corresponding Material Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Industries AG, Product Safety Department, E-MAIL [sds-im@evonik.com](mailto:sds-im@evonik.com). We recommend to read carefully the material safety data sheet prior to the use of our product.

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