

Product Information

UV-TITAN M262



M262

UV-TITAN M262 is a surface treated, slightly hydrophobic ultrafine rutile titanium dioxide specifically developed for sun care, skin care and colour cosmetic formulations to give a broad spectrum UV radiation protection.

UV-TITAN M262 can also be used in special skin treatment applications in which UVA/UVB protection is needed. UV-TITAN M262 possesses superior light stability, antioxidant resistance and excellent dispersibility in different vehicles.

Typical Properties

Appearance	odourless, white powder	
Modifiers, compounds of	alumina, silicone	
INCI name	titanium dioxide, alumina, dimethicone	
TiO ₂ [%]	89 *] not regarded as a specification	
Al ₂ O ₃ [%]	6 *] not regarded as a specification	
Dimethicone [%]	3.5 *] not regarded as a specification	

Heavy metal contents

Arsenic (as As) [mg/kg]	max	1
HCl-soluble		
Antimony (as Sb) [mg/kg]	max	2
HCl-soluble		
Lead (as Pb) [mg/kg]	max	10
Mercury (as Hg) [mg/kg]	max	1
Bulk density [kg/m ³]		150

Packaging

UV-TITAN M262 is supplied in 10 kg multiple paper bags on 300 kg pallets. Other packaging are available on request.

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Safety Precautions

Please see the Material Safety Data Sheet before handling the material.

Classification

- ▶ Colour Index 77891
- ▶ CAS no. (TiO₂) 13463-67-7
- ▶ EINECS no. (TiO₂) 236-675-5

UV-TITAN M262 titanium dioxide product is in compliance with current USP for labelling titanium dioxide as attenuation grade.

The manufacture of UV-TITAN products is within the scope of the ISO 9001 certified Quality Management System. The Pori plant also has an ISO 14001 certified Environmental Management System and OHSAS 18001 Occupational Health and Safety Management System.

Microbiological purity

Total bacteria [cfu/g]	max	100
Yeast & mould [cfu/g]	max	100
Escherichia coli		neg
Pseudomonas		neg
Staphylococcus aureus		neg

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