

Microblanc STD

FEATURES AND BENEFITS

Microblanc STD is a relatively soft industrial mineral with a high specific gravity, making it an ideal weighting agent in paint, plastics and rubber. Additionally, it is recognized for its radiation shielding properties allowing its use in various radiation shielding applications.

Microblanc STD's light colour, low oil absorption and easy wettability in oils and resins permits it to be used for a variety of technical applications.

The main uses of Microblanc STD include:

- ❖ Weighting agent in paint, plastics and rubber.
- ❖ Plaster adjunct for radiation emitting structures (radiation shielding).
- ❖ Used in a variety of technical applications in primers, paints, friction materials and rubbers.

DATASHEET REVISION

Revision Number	05
Revision Date	28/04/2020

CHEMICAL ANALYSIS

Mean values. These do not represent a specification.

BaSO ₄	86.9 %
SiO ₂	7.0 %
MgO	3.1 %
Fe ₂ O ₃	2.1 %
Others	<0.6 %
LOI	<0.3 %

PARTICLE SIZE ANALYSIS AND PROPERTIES

Mean values. These do not represent a specification.

Trade Names		Microblanc STD
% Retained @ 25 µm	% weight	** <5.0%
Average Particle Size, d ₅₀	µm	9.2
Oil Absorption	%	12
Reflectance (Opacity Reflectometer)	%	85
Bulk Density (As Packed)	kg/litre	0.95
Specific Gravity	kg/litre	4.10
Hardness	mohs	3.0
Melting Point	°C	>1500
Packaging:	25kg packed bags	Yes

** Quality controlled by means of wet sieve analysis

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