



BLEACHING EARTH

TECHNICAL DATA SHEET

MICEARTH RB GOLD + TM

MICEARTH Gold+ RB is our high-quality bleaching earth is specifically formulated for rice bran oil refining. It efficiently removes impurities, such as color pigments and unwanted odors, while preserving the nutritional value of the oil. With its exceptional bleaching properties, our product ensures the production of premium-grade rice bran oil, meeting the stringent standards of the industry.

S.NO	TEST PARAMETER	SPECIFICATIONS	STANDARDS
1	RESIDUAL ACIDITY AS % H ₂ SO ₄	0.15 MAX	IS 1035:1972
2	BLEACHING EFFICIENCY	98% against Gallion V2	IS 1035:1972
3	MOISTURE	<5%	IS 1035:1972
4	ODOUR	ODOURLESS	IS 1035:1972
5	pH	4.0 - 4.50	IS 1035:1972
6	BULK DENSITY	0.60 gm/cm ³	IS 1035:1972
7	APPEARANCE	FREE FLOWING PINK TO OFF-WHITE (DEPENDING ON THE RAW MATERIAL COLOUR)	IS 1035:1972
8	PARTICLE SIZE DISTRIBUTION	94% pass through 75 microns	IS 1035:1972

Advantages

- Highly effective in bleaching of edible and non-edible oils
- Cost effective in elimination of impurities in the application.
- Excellent performance in decolourisation.

For more information visit: www.micbacindia.com



NOTICE Due to the progressive nature of the MICBAC India Group and the continually improving design and performance of our products, we reserve the right to change product specifications without prior notification. The information contained in this datasheet is intended to assist a customer in the evaluation and selection of products supplied by MICBAC India. The customer is responsible for determining whether products and the information contained in this document are appropriate for customer's use. MICBAC India assumes no obligation or liability for the usage of the information in this datasheet, no guarantees or warranties, expressed or implied, are provided. MICBAC India disclaims responsibility and the user must accept full responsibility for performance of systems based on this data.



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MICEARTH SOYA GOLDTM

MICEARTH Our premium bleaching earth is the ideal solution for refining soybean oil. It efficiently removes impurities, unwanted color, and undesirable odors, resulting in a pristine, high-quality oil product. With its superior adsorption properties and cost-effective performance, our bleaching earth ensures optimal clarity and purity, meeting the stringent standards of the food industry. Perfect for enhancing the overall quality of soybean oil.

S.NO	TEST PARAMETER	SPECIFICATIONS	STANDARDS
1	RESIDUAL ACIDITY AS % H ₂ SO ₄	0.15 MAX	IS 1035:1972
2	BLEACHING EFFICIENCY	98% against Tonsil 230FF	IS 1035:1972
3	MOISTURE	<5%	IS 1035:1972
4	ODOUR	ODOURLESS	IS 1035:1972
5	pH	4.0 - 4.50	IS 1035:1972
6	BULK DENSITY	0.60 gm/cm ³	IS 1035:1972
7	APPEARANCE	FREE FLOWING PINK TO OFF-WHITE (DEPENDING ON THE RAW MATERIAL COLOUR)	IS 1035:1972
8	PARTICLE SIZE DISTRIBUTION	94% pass through 75 microns	IS 1035:1972

Advantages

- Highly effective in bleaching of edible and non-edible oils
- Cost effective in elimination of impurities in the application.
- Excellent performance in decolourisation.

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BLEACHIBILITY REPORT

S.NO	PARAMETERS	MICEARTH RB GOLD+	MICEARTH SOYA GOLD+	MICEARTH ECO N2
1	FREE ACIDITY	0.15 MAX	0.15 MAX	-NA-
2	MOISTURE	<5%	<5%	<8%
3	ODOUR	ODOURLESS	ODOURLESS	ODOURLESS
4	pH	4.0 - 4.50	4.0 - 4.50	6.0 - 6.50
5	BULK DENSITY	0.60 gm/cm ³	0.60 gm/cm ³	0.70 gm/cm ³
6	PARTICLE SIZE DISTRIBUTION	94% pass through 75 microns	94% pass through 75 microns	90% pass through 75 microns

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