

PRODUCT DATA SHEET

SikaGrind®-116 RM

HIGH EFFICIENCY GRINDING AID FOR RAW MILL

DESCRIPTION

SikaGrind®-116 RM is a liquid aid for application in raw mill.

SikaGrind®-116 RM has been specifically designed to increase the output of raw materials grinding plant.

USES

SikaGrind®-116 RM is used in the grinding of raw materials to:

- Improve the product rate of raw materials comminution system

CHARACTERISTICS / ADVANTAGES

SikaGrind®-116 RM is a dispersant with the following characteristics:

- Neutralisation of electrical charges on the surface of raw material particles
- Separation of the raw material particles

SikaGrind®-116 RM provides the following advantages in the raw material comminution process:

- Enhanced grinding properties of raw material mill due to less accumulation of material on grinding media
- Higher separator efficiency due to improved raw material particles dispersion

- Reduced relative power consumption due to increased output of the grinding system (tons per hour)
- Easier achievement of the desired fineness of ground raw material due to reduced re-agglomeration of the sufficiently ground raw material particles
- Minimized problems with “plugging” due to improved powder flow characteristics

SikaGrind®-116 RM gives the following advantages to the finished raw material:

- Reduced quantity of “over-milled” particles in raw material granulometry
- Easier discharge of ground raw material particles

APPROVALS / STANDARDS

SikaGrind®-116 RM is produced under Quality Management Systems according to ISO 9001.

PRODUCT INFORMATION

Chemical Base	Organic & inorganic solutions
Packaging	210 L Drum and 1000 L IBC (Bulk upon request)
Appearance / Colour	Brown liquid
Shelf Life	At least 12 months
Storage Conditions	Store in undamaged, unopened and sealed original containers when Shelf-Life stored at temperatures between +5°C and +35°C. Protect from direct sunlight and contamination.

Specific Gravity	1.116 ± 0.03 kg/L
Recommended Dosage	Typical dosage rates of SikaGrind RM-116 NC are between 400 – 800 ppm of raw material .The optimum dosage to achieve the desired characteristics shall be determined in plant trials. For consistent results, SikaGrind RM-116 must be accurately dispensed.
Dispensing	SikaGrind®-116 RM is added onto the raw material mill feed shortly before the mill entrance or directly into the grinding mill (first or second compartment). Suitable dosage pumps with adjustable flow rates shall be used for accurate dosing. <i>Note: Periodically, the end of the additive tube/hose shall be checked to ensure, that it is not blocked!</i>

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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