OOKKAM
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LLP IN: ACN - 0190
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PRODUCT DATA SHEET
OSRS Prime Binder

BENEFITS AND FEATURES

OSRS Prime Binder is a polymer-enhanced formulation for prime coat slurry for Investment Castings. Benefits of using OSRS Prime Binder:

- Designed to ensure stability for slurries with low turnover.
- The polymer-enhanced formulation offers better slurry rheology, increased shell strength and flexibility, and greater tolerance of extreme drying conditions.
- Thixotropic high-adhesion polymer used for better flow and uniform coating.
- Quick drying.

GENERAL DESCRIPTION

OSRS Prime Binder is an aqueous dispersion containing amorphous colloidal silica particles, along with polymer and biocide.

Typical properties of OSRS Prime Binder are:

Silica Content	27 - 29%
Specific Gravity @ 25°C	1.17 - 1.20
pH @ 25°C	9 - 10

HANDLING AND STORAGE

Wear rubber gloves and goggles when handling the product. Store it in a covered area below 30°C. Shelf life is typically one year.

Separation may occur during extended storage due to the density difference between colloidal silica and the polymer. It is recommended to agitate the binder prior to use.

MATERIALS COMPATIBILITY

OSRS Prime Binder is compatible with Stainless Steel, PVC, Teflon, Polyethylene, and Polypropylene.

PACKING

OSRS Prime Binder is shipped in 60 kg and 250 kg HM-HDPE drums.

REMARKS

For more product information and application details contact our technical support team at: ookkam.srs@gmail.com

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