OOKKAM
SHELL ROOM SOLUTIONS LLP
LLP IN: ACN - 0190
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PRODUCT DATA SHEET
OSRS Backup Binder

FEATURES AND BENEFITS

OSRS Backup Binder is a polymer-enhanced binder for intermediate and backup slurry for investment castings. Slurry made with OSRS Backup Binder offers the following benefits:

- Formulated to provide excellent slurry stability.
- Formulated to quickly build strong shells.
- When used with our blended flours, shells can be built with fewer coats.
- Polymer added to increase shell strength during green stage handling.
- Faster drying.

GENERAL DESCRIPTION

OSRS Backup Binder is a stable aqueous dispersion of amorphous colloidal silica particles, with added polymer and biocide.

Typical properties of OSRS Backup Binder are:

Silica Content	25.00 – 30.00%
Specific Gravity @ 25°C	1.174 - 1.204
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 Backup Binder is compatible with Stainless Steel, PVC, Teflon, Polyethylene, and Polypropylene.

SHIPPING

OSRS Backup Binder is shipped in 250 kg HM-HDPE drums and 1200 kg IBC.

REMARKS

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

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