



# PANCHMAHAL INSULATIONS PVT. LTD.

📍 **Works** : 32, GIDC Indl. Area, Ta. Kalol (Halol), Dist. Panchmahals, Gujarat, India - 389 330.

📍 **Office** : C-309, Siddharth Annexe-3, NH 8, Nr. Hotel Royal Palace, Dumad Chowkdi, Vemali, Vadodara, Gujarat - 391 740.

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## PRODUCT DATA SHEET

**PRODUCT:** PANCH INSULEX-GS (SILICA BASED TUNDISH COVERING COMPOUND IN GRANULES FORM)

**PANCH INSULEX-GS:** A CARBON FREE SILICA BASED TUNDISH COVERING COMPOUND AVAILABLE IN GRANULES FORMS

### RECOMMENDED USE

**PANCH INSULEX- GS** is used in the top of the molten metal of the tundish as covering and insulating compound to prevent heat loss.

### Chemical Composition:

SiO <sub>2</sub>	: 80% to 85%
Al <sub>2</sub> O <sub>3</sub>	: 05 TO 08%
R <sub>2</sub> O <sub>3</sub>	: 04 to 08%
Carbon	: <1.5%
Moisture	: < 3%
LOI	: 08% TO 10%

### Physical Specifications:

Density	: 0.55 to 0.65 gm/cc
Size	: 4mm to 6mm (90% of mass)
Packing	: 10 Kgs. HDPE bags
Shelf Life	: 12 months



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## ADDITIONAL FEATURES:

### **PANCH INSULEX- GS (SILICA BASED TUNDISH COVERING COMPOUND IN GRANULES FORM)**

A Ladle and Tundish Covering Compound is an Insulating compound in granular form used as cover of liquid steel exposed surface in ladle and tundish to reduce heat loss due to radiation, commonly known as Insulex.

This is available in all variety and sizes (Silica and Neutral) as per customer's requirement.

## ACHIEVABLE BENEFITS:

1. **PANCH INSULEX-GS**, Granular Tundish Covering compound (Silica Based) gives more heat insulations.
2. **PANCH INSULEX-GS**, Granular Tundish covering compound (Silica Based) reduces the dust and smoke formation during applications.
3. **PANCH INSULEX-GS**, Granular Tundish covering compound (Silica Based) gives clean and pollution free work area.
4. **PANCH INSULEX-GS**, the product can be packed as per the customer packing requirement. It is mostly available in 10 Kgs. HDPE bags.
5. **PANCH INSULEX-GS**. Consumption rate of the granular tundish covering compound also very low compared to the powder insulating covering compound.