

INCAST[®]

High-Purity Foundry Sand

Molded to your needs

Covia foundry experts are ready to listen and collaborate to customize the solutions aligned with your casting needs. Let our deep knowledge advance the foundry experience because when the metal is poured, casting quality and superior surface finish are the critical factors. We'd like to be your partner of choice.

High-purity, round foundry sand

INCAST high-purity foundry sand, with fine-tuned process control and consistent grade distribution, enhances operational efficiency. High-purity, round, 99%+ quartz sand is processed and sized with rigid adherence to the Covia QIPSM statistical and quality assurance programs.

The round grain offers considerable value based on the grain-to-grain contact that has greater packing density to improve casting quality with a better surface finish. The high-purity grain's reduced surface area requires less resin to achieve superior tensile strength. The hardness ensures lower attrition that increases sand reclamation. The sand is cleaner, which boosts your commitment to improved working conditions.

Your foundry sand is available from seven high-volume mines that are part of the Covia strategic distribution network. Covia, the largest producer of industrial sand in North America, has a steadfast commitment to the foundry industry.

TOP 7 HIGH-VOLUME MINES (INCAST round grain)

| PLANT LOCATION | TYPICAL SILICA CONTENT (SiO ₂) | ROUNDNESS | TYPICAL ACID DEMAND VALUE (ADV) | TYPICAL LOSS ON IGNITION (LOI) | STANDARD PRODUCT OFFERINGS (#) | PRODUCT GFN RANGE | APPLICATIONS |
|----------------|--|-----------|---------------------------------|--------------------------------|--------------------------------|-------------------|-----------------------------|
| WEDRON, IL | 99.65% | ● | 1.0 | 0.07 | 12 | 30-110 | all processes / all metals |
| OREGON, IL | 99.69% | ● | 0.5 | 0.03 | 9 | 30-80 | all processes / all metals |
| PORTAGE, WI | 99.80% | ● | 1.0 | 0.02 | 8 | 30-60 | all processes / all metals |
| PEVELY, MO | 99.83% | ◐ | 2.5 | 0.05 | 6 | 47-68 | all processes / all metals |
| GUION, AR | 99.73% | ◑ | > 2.5 | 0.1 | 5 | 50-65 | non-ADV sensitive processes |
| OTTAWA, MN | 99.48% | ● | 1.4 | 0.08 | 4 | 45-70 | all processes / all metals |
| ROFF, OK | 99.73% | ● | 1.0 | 0.05 | 2 | 50-80 | all processes / all metals |

● round grain ◐ round/subround grain ◑ subround grain

ENHANCE
OPERATIONAL
EFFICIENCY

IMPROVE CASTING
QUALITY WITH A
BETTER SURFACE
FINISH

For more information about INCAST high-purity foundry sand, please call: 800.243.9004 or email: Sales@CoviaCorp.com




INCAST®

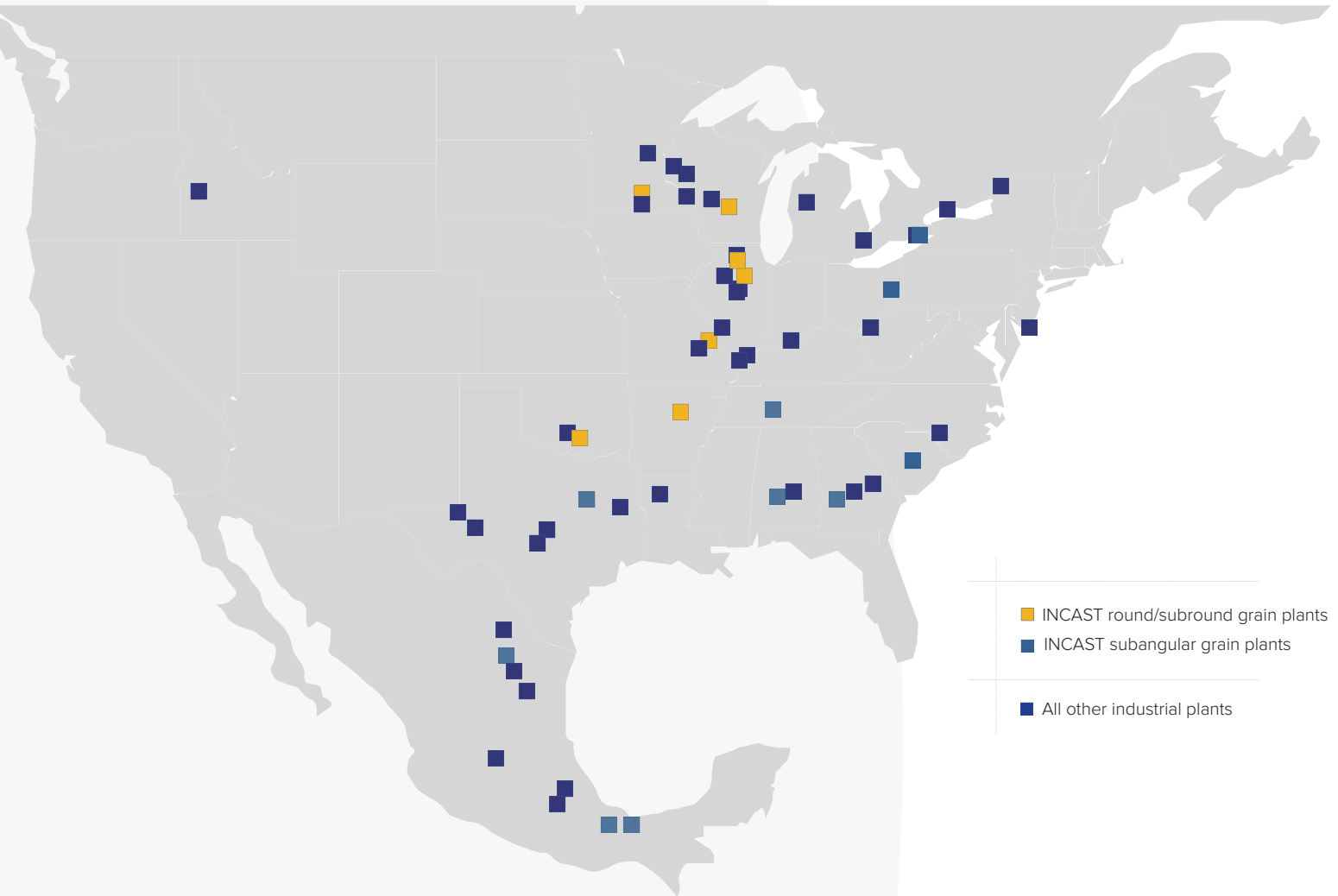
High-Purity Foundry Sand

Rely on fast shipping from extensive reserves

We're proud to talk about our company's 14.4+ million tons of annual sand capacity with 1+ billion tons of reserves. We strategized this footprint knowing you must receive product reliably and quickly at the most competitive shipping cost so we also developed the industry's most comprehensive and accessible distribution network. You can rely on us to enhance operational efficiency.

14.4+ million tons of total capacity 

1+ billion tons of reserves 



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