

## SNAM - ZIRCAL (CAST INOCULANT)

ELEMENT	PERCENTAGE
SILICON	70 - 75%
CALCIUM	1.5 - 2.5%
ZIRCONIUM	1.0 - 2.0%
ALUMINIUM	1.0 - 1.5%
IRON	BALANCE

**Standard sizes :** 6 - 12 mm, 3 - 10 mm, 2 - 4 mm, 1 - 2 mm, 0.5 - 3 mm, 0.2 - 0.7 mm & 0 - 0.2 mm  
Can also supply according to customer's requirement.

**Standard Packing :** 50 Kgs Bags, 100 Kgs Drums, 100 Kgs Bags, 250 Kgs Drums, 1000 Kgs Bags.  
Can also supply according to customer's requirement.

### Suggested Application:

- **SNAM ZIRCAL** in Flake Graphite Iron reduces chilling at thin sections.
- **SNAMZIRCAL** effectively controls under cooled graphite formation at faster cooling sections.
- **SNAMZIRCAL** effectively controls type & size of graphite at thicker sections.
- **SNAMZIRCAL** gives excellent nucleation and ensures type 'A' graphite.
- **SNAM ZIRCAL** is very effective in Ductile / SG Iron by reducing chilling and increasing the nodule count

**Rate of Addition:** 0.2 to 0.5% as post treatment inoculation for Ductile / SG Iron.

0.1 to 0.3% in pouring ladle for Flake graphite Iron.

**Note :** Addition at metal stream into the pouring ladle gives good dissolution and best results.

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