

MI Metallurgy+

"Prescription Product", specially designed and developed for Iron melt (Grey, SG and Malleable) just like prescription drugs for specific sickness!

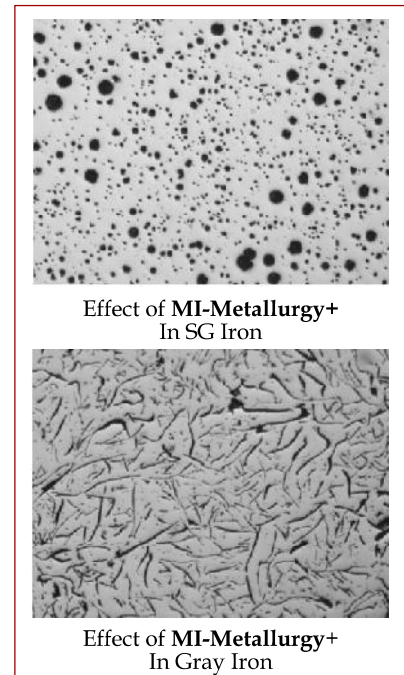
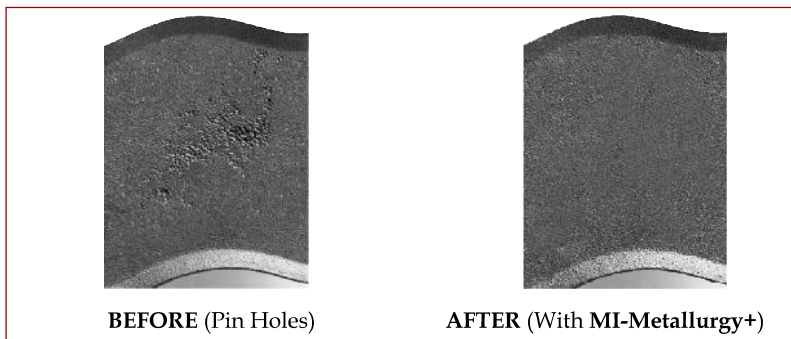
Specification :

ITEM	% Si	% C	% RE (max)	Size (mm)
MI METALLURGY+ (Bath conditioner)	45 - 50	35 - 38	0.6	< 1.7

Advantages :

- ✓ Provides excellent **Machinability** - by eliminating free and inter granular carbides
- ✓ Eliminates **Micro Porosity** - by modifying the solidification pattern
- ✓ Eliminates **Free Carbides** - by creating more nucleation sites
- ✓ Eliminates **Slag related Defects** - by reducing oxides in the liquid metal
- ✓ Improves **nodule count/nodularity** - by creating more nucleation sites
- ✓ Promotes formation of **Type A, Graphite flake distribution** - by creating more nucleation sites
- ✓ Avoids **coagulation & cluster of graphite nodules** in ductile iron

"Performance of MI-Metallurgy+"



Method of Use :

1. When the liquid metal reaches full furnace capacity remove slag & add **MI Metallurgy+**
2. Best Results are obtained by adding 0.2% (for CI) & 0.4% (for SG) of **MI Metallurgy+** by weight into the furnace at around 1300 deg C (i.e., 5-10 minutes before tapping the metal)
3. Continue to super heat the molten metal and check the metal chemistry during which time **MI Metallurgy+** will go into solution
4. Remove any slag (if any)when tapping the metal
5. Regular Inoculation procedure should be followed after treating the melt With **MI Metallurgy+**