



Technical name:

Ferrosilicon Calcium Barium Lanthanum



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(2,0 x 10 mm)

Inoculant for Grey Cast Iron or Nodular Cast Iron.

In Grey Cast Iron, Ferrosilicon Calcium Barium Lanthanum (FeSiCaBaLa) has the action of deoxidizer and nodulariser. The cast nucleation is favorable due to Lanthanum inclusions combined with calcium or aluminum. In Nodular Cast Iron, adding FeSiCaBaLa favors the increase of the nodules due to localized nucleation. When using the FeSiCaBaLa inoculant, the content of sulfur in the metal base must be controlled, to prevent the formation of carbides.

Chemical Properties (%)

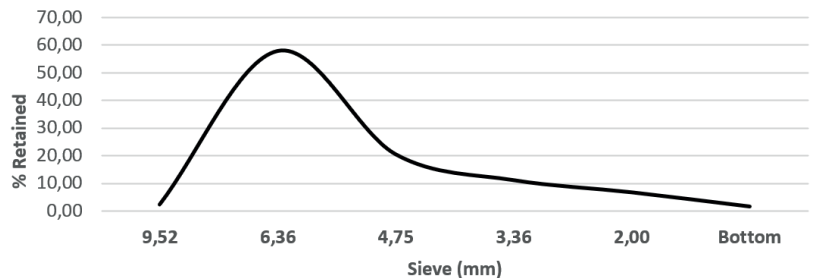
ELEMENTS (%)

Si (min)	Ca (max)	Al (max)	Ba (max)	La (max)
72 a 80	0,80 a 1,60	≤1,20	0,90 a 1,80	1,30 a 1,50

GRAIN SIZE (%)

Sieve (mm)	2,00	10,00
Through	≤ 10,00	-
Retained	-	≤ 5,00

SIZE DISTRIBUTION (mm)



+55 85 3636.0901
Rua Desembargador Lauro Nogueira, 1500, 9º andar, sala 909,
Papicu, CEP: 60.176-065, Fortaleza - CE.
E-mail: sales@libraligas.com.br



www.libraligas.com.br