



INGOTS – weighing 2 to 3 Kilos/piece



SLABS - weighing 3 to 4 Kilos/piece



90Tin-10Nickel - slabs

PRODUCT:

TIN-NICKEL ALLOY

GRADES AVAILABLE:

95TIN-5NICKEL (95Sn-5Ni)
90TIN-10NICKEL (90Sn-10Ni)

FORMS AVAILABLE:

INGOTS/SLABS

MELTING RANGE:

(95Sn-5Ni)	(90Sn-10Ni)
600 to 620°C 1112 to 1148°F	745 to 780 °C 1373 to 1436°F

DENSITY @ 311 K:

7.4 to 7.5 g/cc

COLOR:

SILVER WHITE

SPECIFICATIONS FOR TIN-NICKEL ALLOY

		(95Sn-5Ni)	(90Sn-3Ni)
Tin	(Sn)	94.500 % to 95.5%	89.500 % to 90.5%
Nickel	(Ni)	04.500 % to 5.50 %	09.500 % to 10.50 %
Antimony	(Sb)		00.050 % Max
Lead	(Pb)		00.070 % Max
Bismuth	(Bi)		00.030 % Max
Copper	(Cu)		00.050 % Max
Arsenic	(As)		00.030 % Max
Ferrous	(Fe)		00.010 % Max
Cadmium	(Cd)		00.001 % Max
Zinc	(Zn)		00.001 % Max
Other	----		00.040 % Max

This alloy is produced from Virgin MSC brand Tin Ingots of 99.85% purity and Prime Grade Nickel of 99.80% purity.