

TECHNICAL DATA SHEET

ATUN NICKEL TABLET

Application and Advantages: The use of Safe Nickel in hot-dip galvanizing processes was determined as 0.045% - 0.07%. The ideal usage rate is 0.05%.

- ATUN Nickel Tablet provides up to 15% zinc savings.
- With the new generation production technology and powder nickel obtained as a result of a special process, a better melting is achieved and your nickel tablet consumption is minimized.
- When the Nickel amount of the molten zinc bath is adjusted to 0.05%, it prevents the effect of Silicon and Phosphorus on the coating thickness and provides a coating thickness in accordance with the standard.
- A bright and smooth coating surface is obtained.
- Nickel application gives positive results in controlling the coating thickness and obtaining a better surface, especially in contract materials where the steel composition is unknown and different steels can be used together.
- It increases the fluidity of the bath. It minimizes regional coating differences. Provides a homogeneous surface.
- It does not require labor, its application is simple and fast.

Product Specifications	
NICKEL	min. (%78 - %80)
BINDING	%10
EXOTHERMIC AGENT	%(10 - %12)
TABLET WEIGHT	550 gram (+/- 30 gram)
Note: Powder nickel used in nickel tablet making min. It contains 99.98% pure nickel.	

Usage Method and Concentration

1. Working temperature is between 430-600 °C
2. For 1000 kg of Zinc addition, 3 Nickel Tablets are added.
3. Before adding Nickel Tablet, the zinc on the surface of the kettle is cleaned. Care is taken to ensure that the area where nickel tablet is added is clean. (no ash etc.)
4. It is recommended to melt the Nickel Tablets by spreading them throughout the kettle.
5. After Nickel Tablet is added, it is waited for 2 hours to mix. It is recommended to do the application after working hours.
6. After the melting and mixing processes are completed, the surface of the kettle is cleaned and production continues..

Bath Control : The molten zinc bath to which nickel tablets are added is measured with the ICP-OES device.

Storage: It should be stored indoors (up to max. 50 °C) protected from direct sunlight and rain.

Package: Carton - 30 Pieces of Nickel Tablet (16,5 kg)

