

## Characteristics and Applications:

ML-305HS is an agglomerated, neutral flux for Electroslag Strip Welding. It is suitable for surfacing with stainless strips of CrNi, CrNiMo types with or without Nb addition.

ML-305HS exhibits very smooth, tight-rippled weld bead appearance and excellent wetting action. Even if in the high travel speed, it has easy slag removal without slag residuals can be attained in the first and following layers.

- Corrosion resistant cladding of austenitic overlay
- Components for chemical plants and constructions

## Notes on usage:

1. Flux is required to bake at 300-350 for 2hr holding time.
2. Re-circulation of flux should be mixed with twice its volume of new flux prior to further use.
3. It is recommended to use heated hoppers for storage of flux in production.

## Typical chemical composition of weld metal (wt%):

\* The information contained or otherwise referenced herein is presented only as "typical" without guarantee or warranty, and TienTai Electrode Co., Ltd. expressly disclaims any liability incurred from any reliance thereon. Typical data is obtained when welded and tested in accordance with AWS specification. Other tests and procedures may produce different results.

No data is to be construed as recommendation for any welding condition or technique not controlled by TienTai Electrode Co., Ltd.

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