

Classifications

EN ISO 14174

S A AB 3

Characteristics and typical fields of application

Agglomerated Aluminate-Basic flux for hard-facing overlay with Cr - Mo additions.

RECORD RT 350 is designed to produce multiple layer cladding that met requirement for 5%Cr - 0.9%Mo.

In combination with strip electrode SOUDOTAPE A , deposit can reach hardness in the range of 350HB.

Application : continuous casting rolls cladding

Flux properties

| | |
|---|----------------------------------|
| Polarity | DC + |
| Basicity index (Boniszewski) | 1.6 |
| Grain size (EN ISO 14174) | 0.40 – 1.4 mm (No. 40 – 14) |
| Apparent density | 0.95 |
| Flux consumption | 1.0 (kg fused flux / kg strip) |
| Redrying | 1 to 2 hours at 350 +/- 50°C |
| Moisture content (AWS A4.4M: 2001; 1050 °C) | <0.2 |

Typical strips to combine

| Process | Name | AWS A5.17 / SFA-5.17 | EN ISO 14171-A | EN ISO 14171-B |
|---------|-------------|----------------------|----------------|----------------|
| SAW | SOUDOTAPE A | (EL8) | (S1) | (SU08) |

Packaging

| Type | Weight |
|------|--------|
| Bag | 25 kg |