

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