

AUSTENITIC STEELS

Available Product Variants

Plates

Product Description

Austenitic chromium-nickel stainless steel with excellent corrosion resistance in boiling nitric acid (concentration up to 80%). Fertiliser plants and production units for nitric acid, as well as for the reprocessing of nuclear fuel.

Process Melting

ESR

Applications

- > Comp. for Chemical plants (incl. LNG, FGD, Urea, LDPE, etc.)
- > Other Oil and Gas + CPI comps.
- > Tubular Products, Flanges, Fittings

Technical data

Material designation	
1.4335	SEL
S31002	UNS
S31008	

Chemical composition (wt. %)

C	Si	Mn	Cr	Mo	Ni
≤ 0,018	0.1	1.2	25	≤ 0,10	21

The data contained in this brochure is merely for general information and therefore shall not be binding on the company. We may be bound only through a contract explicitly stipulating such data as binding. Measurement data are laboratory values and can deviate from practical analyses. The manufacture of our products does not involve the use of substances detrimental to health or to the ozone layer.