

# BERTSCHenergy

Power plants  
Process equipment

95  
YEARS

TRADITION  
QUALITY  
KNOW-HOW  
SINCE 1925

## Columns for Polysilicon Production

Reference Sheet



**BERTSCH**

TRADITION, QUALITY, KNOW-HOW. SINCE 1925

## »Columns for polysilicon production in the USA - Commissioning 2<sup>nd</sup> quarter 2012«

Silicons are synthetically produced polymers that are utilized in many applications because of their unique characteristics, e.g. in special lubricants, sealants, medical and cosmetic products.

The production of silicons is increasing constantly.

Amongst other things, distillation is necessary in the production process in order to achieve particular fractions.

The columns presented in this reference sheet fulfill this task

### TECHNICAL DATA

» Design-code	ASME VIII/Div. I+U-stamp
» Main material	SA-516 Gr. 70 + SA-106 Gr. B
» Design Pressure	20 barg
» Design temperature	255 °C
» Length of component	13 m
» Unit weight	21,000 kg
» <b>Columns with half-pipe coil constructions outside and heating coil constructions inside.</b>	

