

BERTSCHenergy

Power plants
Process equipment

90
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 2nd 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
» Columns with half-pipe coil constructions outside and heating coil constructions inside.	

