



Topco Technologies (3388)

DATE : 2022/12

company : Topco Technologies

foundation : 1981

IPO date : 2006/2/22

Code : 3388

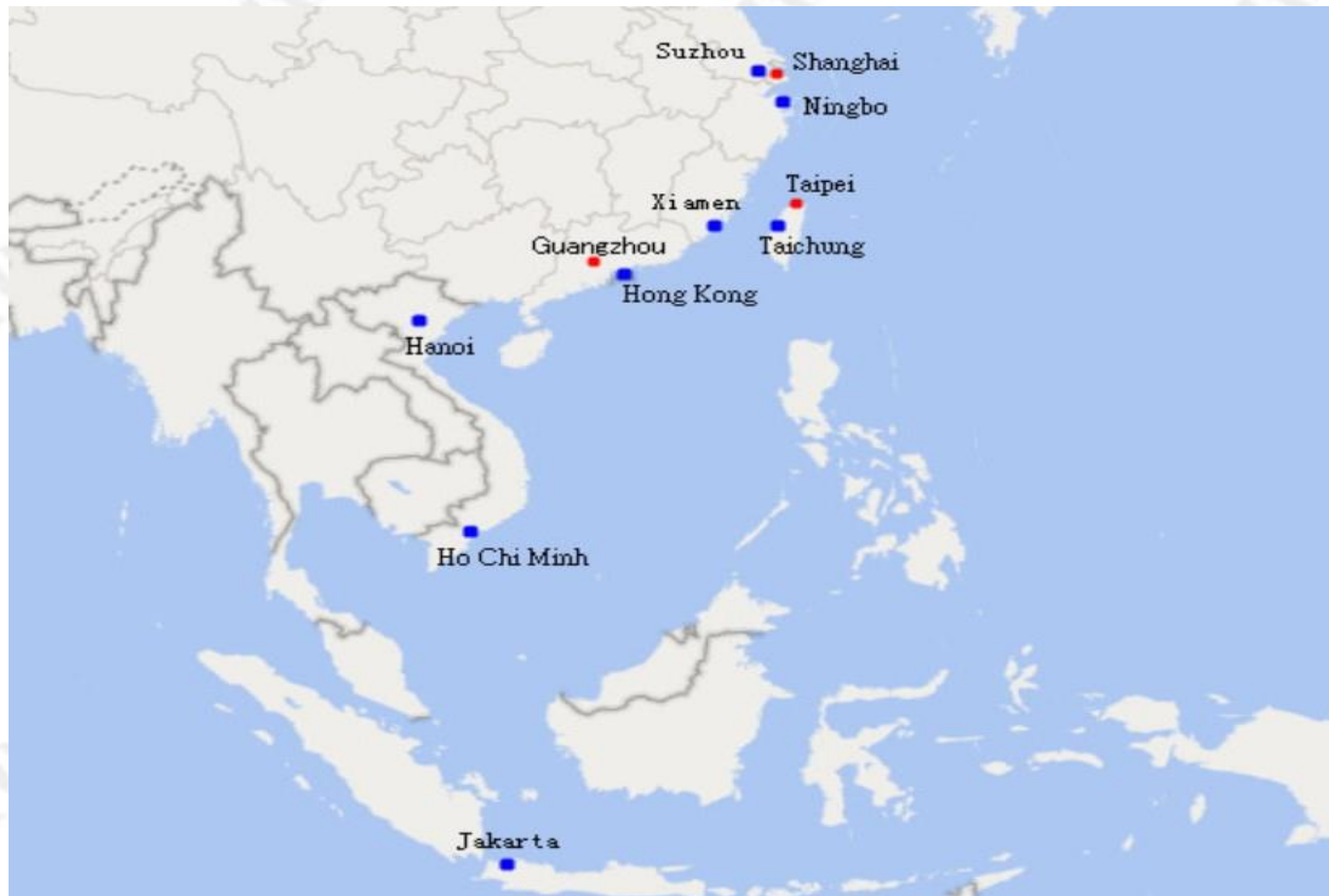
Capitals : 740 NT millions

Chairman : Pan, Chen-Cheng

CEO : Chang, Sheng-Ho

Main business : Silicone and related materials

Locations



characteristics

- The chemical polymers is based on SiO₂.
- Superior chemical characteristics: environmentally/cold and heat resistance/flame resistance/excellent chemical stability

Market overview

- Global main makers : Dow Sil(the former was called Dow Corning) 、 Momentive(now merged by KCC group) 、 Shin-Etsu Chemical 、 Wacker and so on.
- Main makers in China :Elkem group 、 Wynca chemical 、 Zhejiang Hoshine 、 Dongyue etc

Main business



Focus on selling of Silicone and other key materials

The main acting lines :

ShinEtsu

Kaneka

The Dreamology Company
— Make your dreams come true —



未来の中にアドマテックス



Characteristics of industry **topco**

Widespread
for all
industries

low volatility, almost no
affection by business cycles

Lots of
clients

Over 10 thousand
clients & diversity

Continuous
new
applications

Always developing new
applications

Key Financial information



Unit: NT Million

	2022Q3	2021Q3	YOY	2022Q1 -Q3	2021Q 1-Q3	YOY
Sales	2,163	2,474	-12.6%	6,909	6,917	-0.1%
Operating income	135	206	-34.5%	527	568	-7.2%
Net income	117	154	-24%	427	439	-2.7%
EPS(元)	1.58	2.12	-25%	5.77	5.92	-2.7%

Future perspectives



Total solutions for clients services

Developing new markets/clients

make response to the uncertainty
of 2022 macro economics

Developing new applications and
high value-added materials

Appendix

Milestone of Silicone industry

Confidential

1863-1949 Dr. Frederick Stanley Kipping (Father of silicone, Grignard reaction)

1909-2002 E.G. Rochow started industrial production (GE, direct process, 1940)

1953/3/31 First silicone production in Japan Shinetsu Chemical (Bought Patent from GE)

Originally developed for military and aerospace



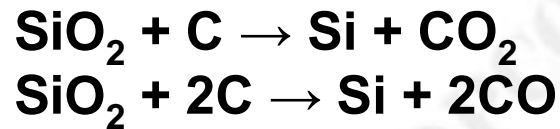
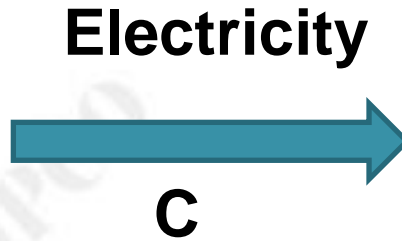
From NASA HOMEPAGE



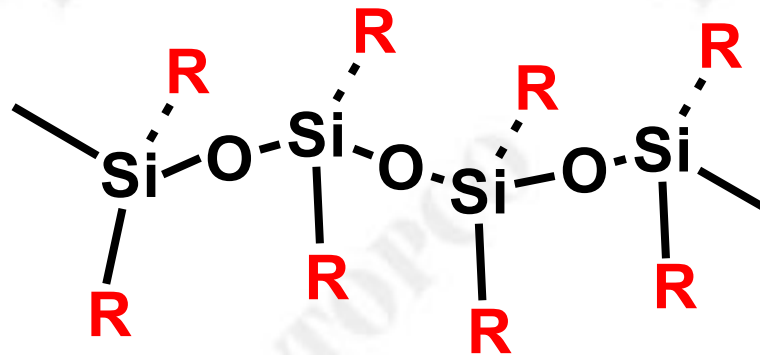
B-29 bomber in Word War II

1969/7/20 That's one small step for a man, one giant leap for mankind

How is silicone from?



Metallic Silicon

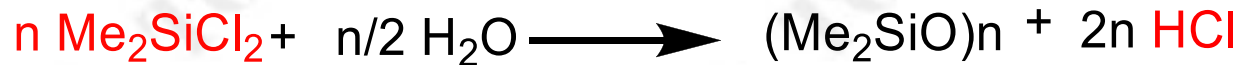
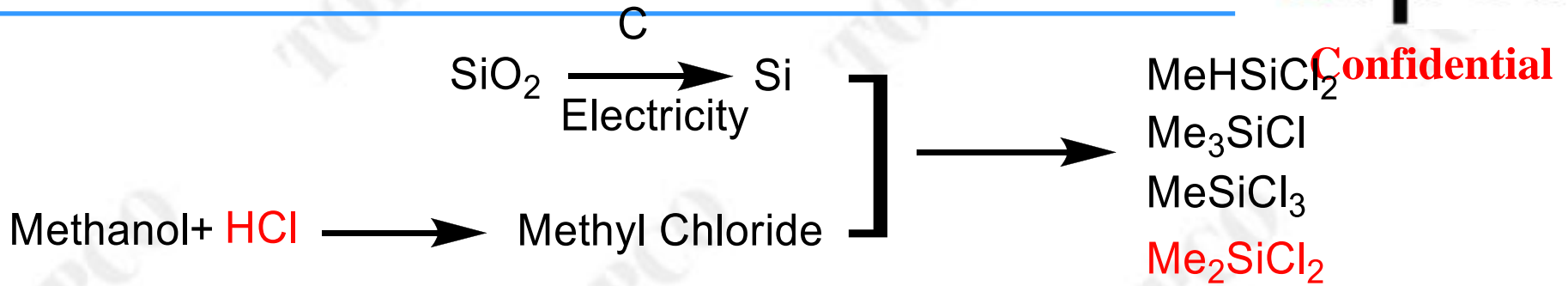


Silicone

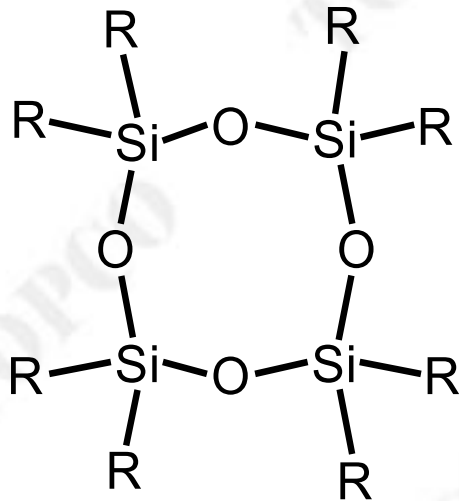


Methanol, HCl,
Hydrolysis, Polymerization

Production methods of Silicone

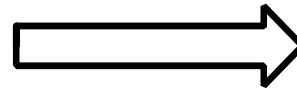


recycle



D_4
 $(\text{R}_2\text{SiO})_4$

Ring-opening



Polymerization

