Market Report

Global Silicone Market

3rd Edition
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Abstract

The global demand on silicones approached US$17.15 billion in 2015, approximately 4.5% up from the previous year. It is expected to grow by 5% in the coming years. With a wide range of applications, innovative products, and more environmentally friendly materials, the silicone market will experience healthy and robust growth in the future.

Stricter regulations on chemical industry have presented opportunities for silicone producers rather than imposing heavy burden on them. The market is quite consolidated while competition is increasing rapidly.

Acmite Market Intelligence has finished a most comprehensive market report on global silicone market. It is ready for order.

The market report examines the current products and application areas, provides extensive market data of 2015, and market forecast through 2021 to 2024. It also outlines the competition landscape, evaluates market chances and risks and anticipates future trends based on a series of influence factors.

- 216 pages analyzing the market
- 65 figure tables
- 255 profiles of leading silicone manufacturers

With a multi-dimensional and in-depth view of global silicone market, this study is ideal help for you with decisions about international market penetration, business expansion or project feasibility analysis.

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Note:

Regions:

North America: US, Canada, Mexico (NAFTA region)

Asia Pacific: Countries of Asia, Australia, New Zealand

Asia Pacific*: Asia Pacific excluding Japan

markets. Some polymer applications are growing 25-35% a year in Russia and petrochemical industry flourishes.

Shift to more environmentally friendly materials out of growing environmental consciousness

Although the more environmentally friendly materials are normally more expensive, there is an unconvertible trend to replace environmentally unfriendly materials out of growing environmental consciousness.

Lead-based stabilizers are being replaced with non-heavy metal-based stabilizers. Lower VOCs, lower migration, and lower odour are required.

High growth potential in healthcare

Silicone suppliers find high growth potential in health care and medical device segments. Aging population in the developed regions and emerging medical technologies result in rapid growth of medical devices market. The medical device industry continues to improve its product designs in terms of functionality, patient comfort, ergonomics and styling. The development of silicone materials opens up opportunities for increasing uses of silicone in medical industry.

High market potential in structural silicone glazing (SSG)

Structural glazing was first used in the US in the early sixties, and then spread rapidly around the world. Structural Silicone Glazing (SSG) is one of the most versatile forms of curtain wall construction in the commercial façade business. SSG gives architects and designers the freedom to create dramatic facades. The efforts for aesthetic effect bring high market potential for SSG, and therefore for silicone sealants and adhesives.

Chances in release applications

Release is a function that silicones have provided for many years in mold-making, … …

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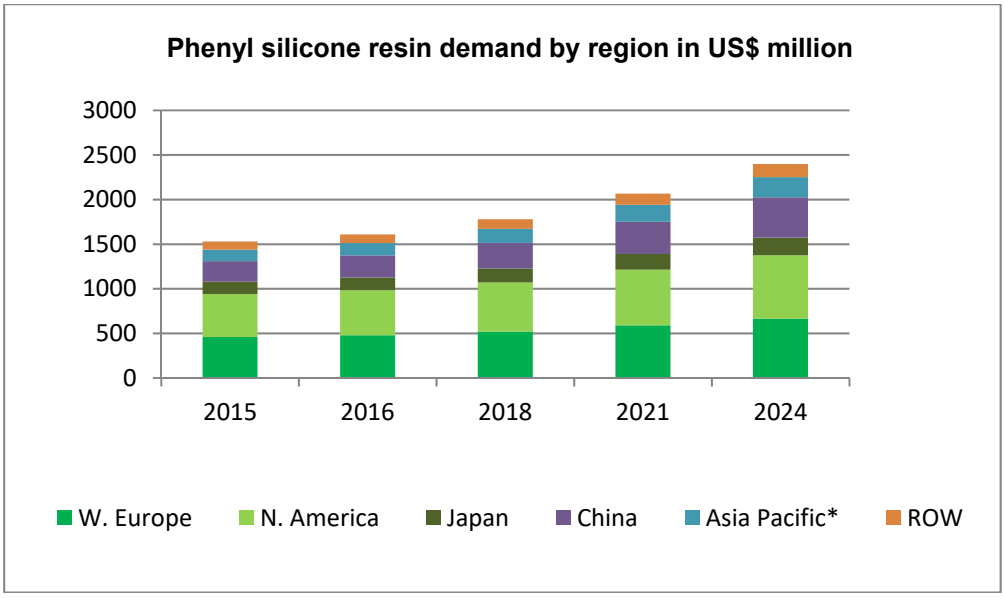
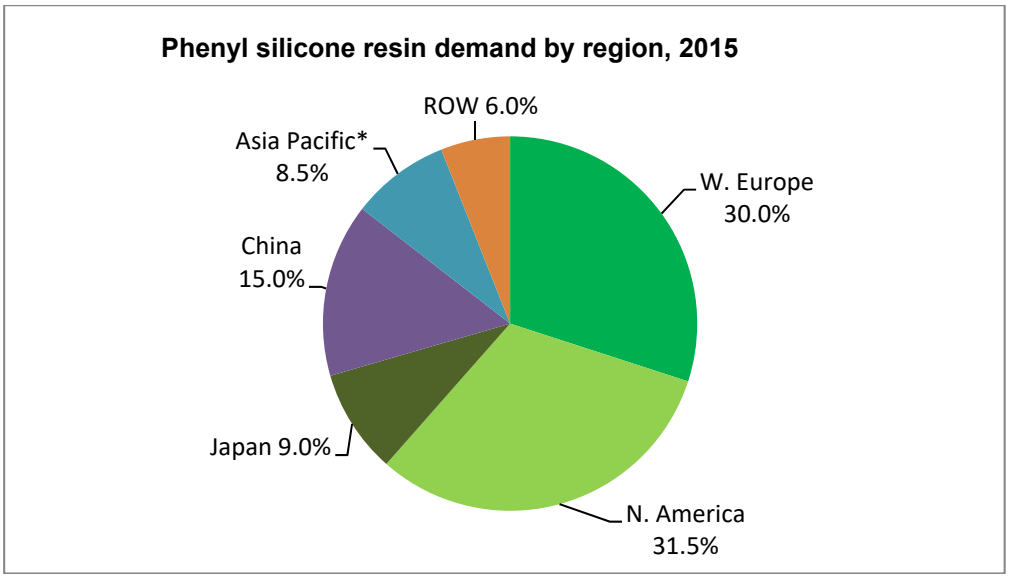
4.3.4.2 Phenyl silicone resins demand by region

	2015	2016	2018	2021	2024	AAGR
W. Europe	459	479	521	589	665	4.2%
N. America	482	504	550	626	710	4.4%
Japan	138	144	156	176	198	4.1%
China	230	248	288	361	451	7.8%
Asia Pacific*	130	139	157	189	227	6.4%
ROW	92	97	108	126	147	5.4%
Total	1531	1609	1779	2066	2399	5.1%





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Kaneka Corporation (Japan)

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Year of foundation: 1949
Number of employees: 8,592
Revenue 2014: JPY 552,189.0 million

Company profile

Kaneka Corporation is a leading developer and manufacturer of chemical products in Japan.

The company operates the following business divisions:

- Chemicals, which provides Caustic soda, PVC compound and PVC pipes for underground electric cables
- Functional Plastics, including impact modifier for PVC, processing aid resin for PVC, silyl terminated polyethers, allyl or silyl terminated polyisobutylenes, acrylic silicon polymer, liquid polymer for elastic adhesives, PVC/acrylic solution-type resin, modified PET resin, amd weather-resistant acrylic film.
- Expandable Plastic Products, which supplies polypropylene foam made with the bead method, polyethylene foam made with the bead method, expandable polystyrene, expanded plastic products made with the bead method, extruded polystyrene foam boards, and wooden house construction system.
- … …

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C0582	Global Silicone Market, Volume II	309	☐ EUR 790	☐ EUR 990	☐ EUR 1290
C0580	Global Silicone Market Total, (Volume I + II)	525	☐ EUR 1990	☐ EUR 2390	☐ EUR 3390
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