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Note:

Market:

Greater China: Mainland China, Taiwan, Hongkong, Macau

Asia Pacific*: Asia Pacific excluding Japan and Greater China

Chances in release applications

Release is a function that silicones have provided for many years in mold-making, adhesive label backing paper, processing, bakeware, etc. A potential huge application market is marine coating. The ban on tin-containing anti-fouling coatings for marine applications has opened up an area that is surely a logical fit for silicone technology due to its non-toxicity.

Rapid growth in UV curing

UV curing is one of the most rapidly growing technologies in the coatings, graphic arts, adhesives and related industries. The system allows a dramatic increase in production line speeds and produces coatings with superior environmental resistance and better gloss. They also have excellent stain and adhesion resistance.

Price Increase for Silicones due to supply shortage and higher costs

The silicone market saw significant price increase in recently, led by global top silicone suppliers. The price increase was triggered by higher raw material cost, higher energy cost, higher personal cost and transportation costs. Price increase is a strategic move to compensate the lost margin.

Silicone producers have all announced price increases in the range of 5-25% and the industry anticipates more increases coming later in 2021. The shortage and pricing pressures will continue to persist for the next 6-12 months.

Increasing demand on lighter-weight silicone rubber

Demand for lighter-weight silicone rubber moulded products is growing in various applications, including automotive, aerospace and wearable devices.

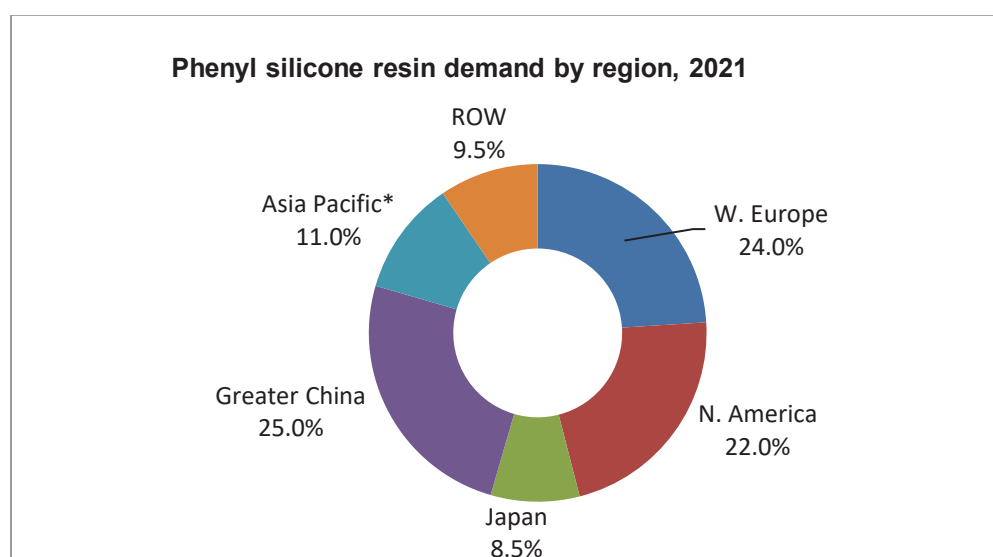
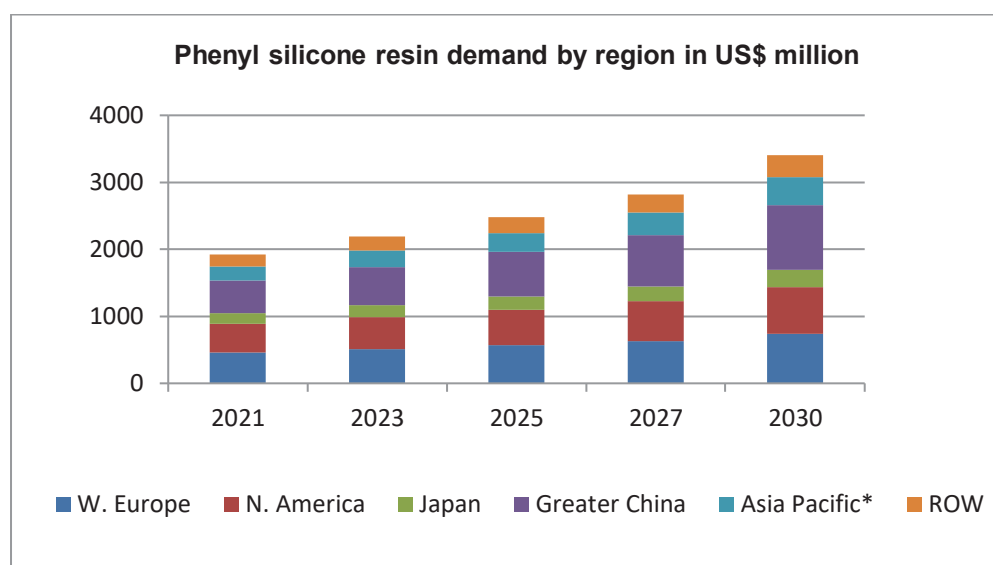
Increasing demand on flame-retardant silicones

Silicone elastomers are inherently fire-resistant and nontoxic in case of a fire, and there for provides maximum safety. Due to their low their unique properties,

4.3.4.2 Phenyl silicone resins demand by region

Phenyl silicone resin demand by region in US\$ million

	2021	2023	2025	2027	2030	CAGR
W. Europe	463	514	570	633	738	5.3%
N. America	424	474	529	590	694	5.6%
Japan	164	181	200	221	257	5.1%
Greater China	482	564	660	771	974	8.1%
Asia Pacific*	212	246	286	332	414	7.7%
ROW	183	208	237	270	326	6.6%
Total	1928	2187	2482	2817	3404	6.5%



Wacker Chemie AG (Germany)

Hanns-Seidel-Platz 4

81737 München

Germany

Phone: +49 89 6279-1830

Fax: +49 89 6279-1239

<https://www.wacker.com>

Year of foundation: 1914

Number of Employees: 14,345

Revenue: 6,2 billion EUR (2021)

Company profile

Wacker Chemie AG is a worldwide operating company in the chemical business.

Its principal activities are to supply products in chemical and semiconductor sector. The Group operates through four business divisions:

- Biosolutions,
- Silicones,
- Polysilicon,
- Polymers.

Its silicone business began more than 70 years ago. Started in 1947 as Europe's first silicone manufacturer, the company becomes the number 2 in the global silicones business.

With two raw materials basis, i.e. silicon metal and methanol, Wacker offers more than 3,000 silicone products classified in seven product groups, including