

Market Report

Global Powder Coating Market

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Abstract

Benefiting from ever stricter environmental regulations, powder coating has gained substantial popularity as a VOC-free coating technology over the last years. The powder coating market presents rapid growth driven by the development of new material, new formulations and advancement of equipment and application processes.

Global demand on powder coatings was valued at approximately US\$5.8 billion in 2010 and is expected to grow by 6% in the coming years. Industrial uses combined presents the largest application market, while automotive industry is the most promising one. Furniture and appliance markets will continue their steady and strong growth. IT & telecom is a new market where applications of powder coatings are being extensively explored.

With the disadvantages being minimized and advantages further strengthened by the development in materials and technologies, powder coating provides a market with opportunities and potential.

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

The report examines the current products and application areas, provides extensive market data of 2010, and market forecast through 2015 to 2018. It also outlines the competition landscape, evaluates market chances and risks and anticipates future trends based on a series of influence factors.

- 215 pages analyzing the market
- 65 figure tables
- 260 powder coating manufacturers profiled

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

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Note:

EUR 1 = US\$1.4

Regions:

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

Asia Pacific: Countries of Asia, Australia, New Zealand

Asia Pacific*: Asia Pacific excluding Japan

4.1.3 Epoxy-polyester hybrid

4.1.3.1 Products, features and uses

Epoxy-hybrids (mixtures of epoxies with other resins) were developed to overcome the weakness of pure epoxy powders.

Epoxy-polyester hybrid systems were first introduced into the United States in the mid-1970s and soon became one of the dominant chemistries used in powder coating. Epoxy-polyester hybrids combine epoxy resin with polyester resin to form a powder with many of the same characteristics as the epoxies.

Features

Features of epoxy-polyester hybrid coatings are close to their epoxy counterparts. Generally, they provide improvement in weatherability (UV resistance). Although hybrids begin to chalk almost as fast as pure epoxy coating, the deterioration is much slower.

Compared to pure epoxy powder, epoxy-polyester hybrid powder coating provides following advantages:

- improved weatherability (UV resistance)
- improved yellowing resistance and flexibility compared to epoxy
- Improved in color stability and reduction in cure temperature
- generally tough and flexible
- competitively priced

Compared to pure epoxy powder, typical disadvantage of epoxy-polyester hybrid coatings are decreased hardness, chemical resistance and response to cure.

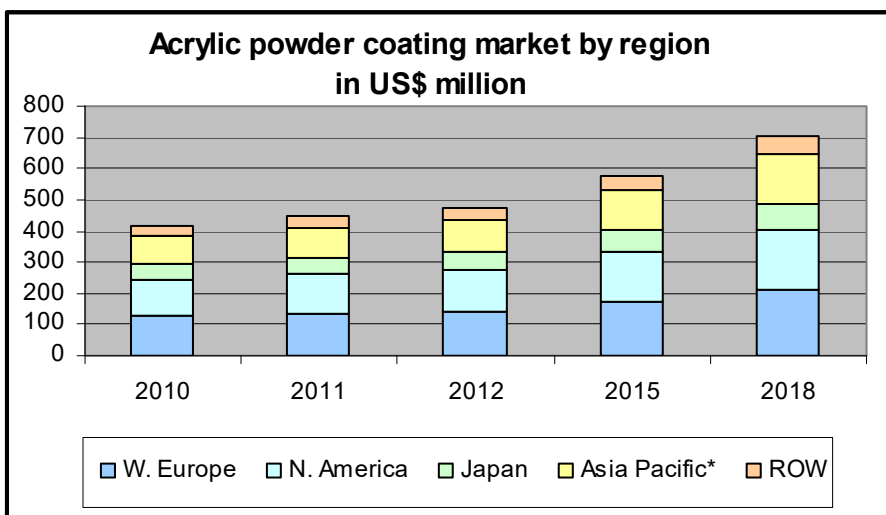
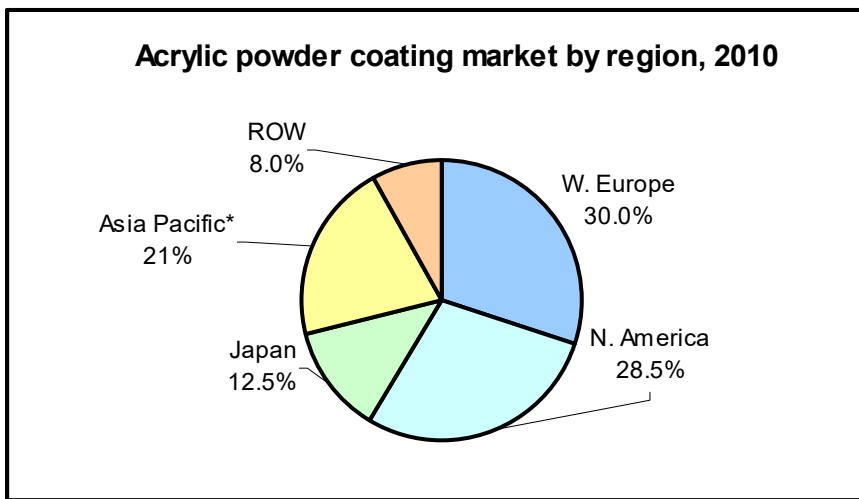
Applications

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4.1.5.2.3 Acrylics powder coatings market by region

	2010	2011	2012	2015	2018	CAGR
W. Europe	125	134	142	173	209	6.6%
N. America	119	127	135	162	194	6.3%
Japan	52	55	58	69	82	5.8%
Asia Pacific*	88	95	102	128	160	7.8%
ROW	33	36	38	46	56	6.7%
Total	418	446	476	578	702	6.7%



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5.4 Domestic appliance & houseware

5.4.1 Products and market segments

Domestic appliance and houseware is one of the most important application markets of powder coatings. For the commercial such as hotels, restaurants, offices, hospitals and private homes, powder coatings are now utilized on a diverse range of appliances. Powder coated appliances look better for longer.

Powder coating is the ideal coating technology which meets the requirements on excellent resistance to abrasion, chemicals, temperature cycling, and abusive wear, and has achieved high popularity in domestic appliance industry

Powder coatings provide ideal combination of protection and decoration. To protect against corrosion and yellowing, the appliance industry makes use of powder coating on front and side panels of ranges and exterior housings of refrigerators, washer tops and lids, dryer drums, air-conditioner cabinets, water heaters, dishwasher racks, freezer cabinets, cavities of microwave ovens, light fixture, etc.

For electronic appliances, producers sometimes use electro-conductive and electro-dissipative powder coatings. These coatings provide electrostatic discharge protection of the components, critical during the manufacture, testing, and transport of electronic goods.

Powder coatings are ideal for improving the appearance of products, as they have very good colour and gloss retention. Powder coatings are also replacing porcelain enamel on many washer and dryer parts.

Domestic appliance & houseware market can be further segmented into:

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Cloverdale Paint (Canada)

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Surrey, British Columbia V3W 4Z1
Canada
Phone: +1 (604) 596-6261
Fax: +1 (604) 597-2677
<http://www.cloverdalepaint.com>

Year of foundation: 1933

Number of employees: ca. 500

Company profile

Cloverdale Paint manufactures and distributes a wide range of architectural, industrial and high performance coatings.

The company operates three product units:

- Home owners
- Contractors / professionals
- Industrial users

Its Industrial Coatings unit produces and markets high performance coatings, 100% solids such as thick film epoxy coatings, powder coatings, specialty coatings, and custom coatings.

Cloverdale Paint has been a major manufacturer and supplier of quality powder coatings in Western Canada for the past twenty-five years. Its powders are available in all the basic chemical systems: epoxies, hybrids, urethanes, and polyesters in TGIC and non-TGIC. The company also distributes powder coatings of three other major brands, e.g. DuPont Powder Coatings, Erie Powder Coatings and Powchem Powder International Coatings.

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C0551	Global Powder Coating Market, Volume I	215	<input type="checkbox"/> EUR 1490	<input type="checkbox"/> EUR 1690	<input type="checkbox"/> EUR 2390
C0552	Global Powder Coating Market, Volume II	300	<input type="checkbox"/> EUR 790	<input type="checkbox"/> EUR 990	<input type="checkbox"/> EUR 1290
C0550	Global Powder Coating Market, Total (Volume I + II)	515	<input type="checkbox"/> EUR 1990	<input type="checkbox"/> EUR 2390	<input type="checkbox"/> EUR 3390
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