Powder Metallurgy – A Global Market Overview

“The report reviews, analyzes and projects the global market for Powder Metallurgy for the period 2017-2026. Powder Metallurgy metal types analyzed in the study include Ferrous Metals and Non-Ferrous Metals. Market for sub-types of these categories further analyzed for Ferrous Metals – Iron Powder and Steel Powder; and Non-Ferrous Metals - Aluminum, Cobalt, Copper, Nickel, Titanium and Other Non-Ferrous Metals. Powder Metallurgy applications analyzed in this report include Aerospace, Automotive, Electrical & Electronics, Industrial Machinery, Medical and Others (includes biomaterials, business machines and oil & gas).”

Published: October 2020
Report Code: CP057
Pages: 567
Charts: 261
Price: $4860 Single User License, $7560 Enterprise License

Report Synopsis

COVID-19 has sent the global markets into a tizzy with the impact it has had and the Powder Metallurgy (PM) industry is no exception to this. However, the overall effect of this malaise on the market for PM may not be as pronounced as being witnessed by other sectors. The major end-use industries of PM include Automotive with over 75% share in 2019, with Aerospace, Electrical & Electronics and Medical accounting for nearly similar smaller splits.

Automotive accounts for about three-fourth of the global Powder Metallurgy market in 2019 and also projected to lead the market through to the analysis period 2019-2026. The overall Powder Metallurgy market is estimated to reach $9 billion in 2020 with a reduced y-o-y growth.

Product Outline

- Direct Current Plasma Sintering Technique: An Innovation in Powder Metallurgy
- Future of Powder Metallurgy in Auto Industry Secure
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 39
- The industry guide includes the contact details for 201 companies

Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Powder Metallurgy market for the period 2017-2026 in terms of market value in US$ and the compound annual growth rates (CAGRs) projected from 2017 through 2026

Geographic Coverage

- North America (The United States, Canada and Mexico)
- Europe (France, Germany, Italy, Russia, Spain, the United Kingdom and Rest of Europe)
- Asia-Pacific (China, India, Japan, South Korea and Rest of Asia-Pacific)
- South America (Argentina, Brazil and Rest of South America)
- Rest of World
SAMPLE COMPANY PROFILE

AMERICAN CHEMET CORPORATION
740 Waukegan Road, Suite 202, Deerfield, Illinois 60015
United States
Phone: 1-847-948-0800, Fax: 847-948-0811
Email: sales@chemet.com
Website: www.chemet.com

Business Overview
Established in 1946 with headquarters in Illinois, United States, American Chemet Corporation is a privately-owned producer and marketer of metal-based chemicals, comprising cuprous oxide, cupric oxide, zinc oxide, copper powder, cuprous oxide based agricultural fungicides, and related products. The company is a global leader in copper oxides and offered its cuprous oxides and cupric oxides for use in antifouling coatings, agricultural applications, catalysts, ceramics, copper chemical production, and ferrite production. Besides headquarters, the company has manufacturing locations in Montana and Tennessee; and sales and executive offices in Illinois. The Montana facility is engaged in the production of cuprous oxides, cupric oxides, and fine particle size copper powders. American Chemet has broadened its business operations by acquiring US Metal Powders' copper assets and forming Royal Metal Powders Inc. in 2010 and further broadened Royal by purchasing Horsehead Corporation's copper business in 2013. The company made investment in new cupric oxide production technology to further expand its business in 2014. The product line offered by the company encompasses copper products, comprising cuprous oxide, cupric oxide, copper powder, and cuprous oxide agricultural (AG) fungicide; and zinc oxide.

Product Portfolio

<table>
<thead>
<tr>
<th>Product</th>
<th>Particulars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cuprous Oxide (Cu₂O)</td>
<td>Products include LoLo Tint®, Chemet CDC™ Applications encompass anti-fouling coatings, mineral supplement for animal diets; colorant for porcelain, glazes, and glass; catalyst, brazing pastes, agricultural foliar fertilizer, and agricultural fungicide and seed dressing</td>
</tr>
<tr>
<td>Cupric Oxide (CuO)</td>
<td>Products include various grades of cupric oxide Applications comprise colorant in glass, ceramics glazes and enamels; as a catalyst and in catalyst preparation; ferrite production; wood treatment chemicals; copper plating; mineral supplement for animal diets; and preparation of other copper chemicals</td>
</tr>
<tr>
<td>Copper Powder</td>
<td>Products include copper powders of various particle sizes Applications cover powder metallurgy (PM), metal injection molding (MIM), friction components, thermal management, diamond cutting tools, lubricants, carbon brush, coatings, catalyst, and brazing paste</td>
</tr>
<tr>
<td>Cuprous Oxide AG Fungicide</td>
<td>Products encompass two formulated agricultural fungicides based on cuprous oxide, Chem Coup 50 (50% copper) and AG Coup 75 (75% copper) for controlling fungal and bacterial diseases on various crops, such as almonds, apples, apricots, avocado, citrus, cocoa, coffee, conifers, grapes, kiwi fruit, mangoes, nectarines, olives, stone fruits, tomatoes, walnuts</td>
</tr>
<tr>
<td>Zinc Oxide</td>
<td>Products include Zinc Oxide - Zinox 430™ Applications encompass activator in rubber compounding; brick and ceramic colorant; specialty coatings; trace element for animal feed; nutrient in agriculture fertilizers; production of zinc chemicals</td>
</tr>
</tbody>
</table>

SAMPLE TABLE/CHART

Glance at 2019 Global Powder Metallurgy Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World

<table>
<thead>
<tr>
<th>Market</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>30%</td>
</tr>
<tr>
<td>Europe</td>
<td>25%</td>
</tr>
<tr>
<td>Asia-Pacific</td>
<td>20%</td>
</tr>
<tr>
<td>South America</td>
<td>15%</td>
</tr>
<tr>
<td>Rest of World</td>
<td>10%</td>
</tr>
</tbody>
</table>

KEY PLAYERS PROFILED
- American Chemet Corporation
- AMETEK, Inc.
- Asbury Carbons, Inc.
- BASF SE
- Carpenter Technology Corporation
- Daido Steel Co., Ltd.
- Diament Corporation
- Dorst Technologies GmbH & CO. KG.
- GKN Hoeganaes
- Graphit Kropfmühl GmbH
- H.C. Starck GmbH
- Hitachi Chemical Company, Ltd.
- Imerys Graphite & Carbon
- Kennametal Inc.
- Kobe Steel, Ltd.
- Kymera International
- Lonza Group Ltd
- Makin Metal Powders (UK) Ltd.
- MIBA AG
- PMG Holding GmbH
- Pometon S.p.A.
- Rio Tinto Metal Powders
- Sandvik AB
- Sumitomo Electric Industries, Ltd.
- Tenneco Inc.

..................more
About Industry Experts

Industry Experts’ market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

Business intelligence provides the critical link between comprehending prevailing market conditions and devising strategies to maximize parameters, such as revenues, profits and return on investment in order to gain market share. The significance of market research can be largely understood through the range of factors that impact businesses. These can comprise market size (current and projected), geographic market reach and demand and supply scenario, to name a few. Our ongoing quest to collect up to date and accurate information by conducting online surveys, personal interviews, taking the opinions of senior level executives will enable us to serve our clients better in every possible aspect.

More about Industry Experts

Industry Experts, Inc.
14726 Ramona Ave, Suite S2
Chino, CA 91710
Greater Los Angeles
United States
Phone: +1-320-iXPERTS (497-3787)
Email: info@industry-experts.com

India Office
1-7-19/C, Street No. 8, Habsiguda
Hyderabad – 500007
India
Phone: +91-40-4018-1314
Fax: +91-40-2715-7746
Website: http://industry-experts.com