

# Carbon Black

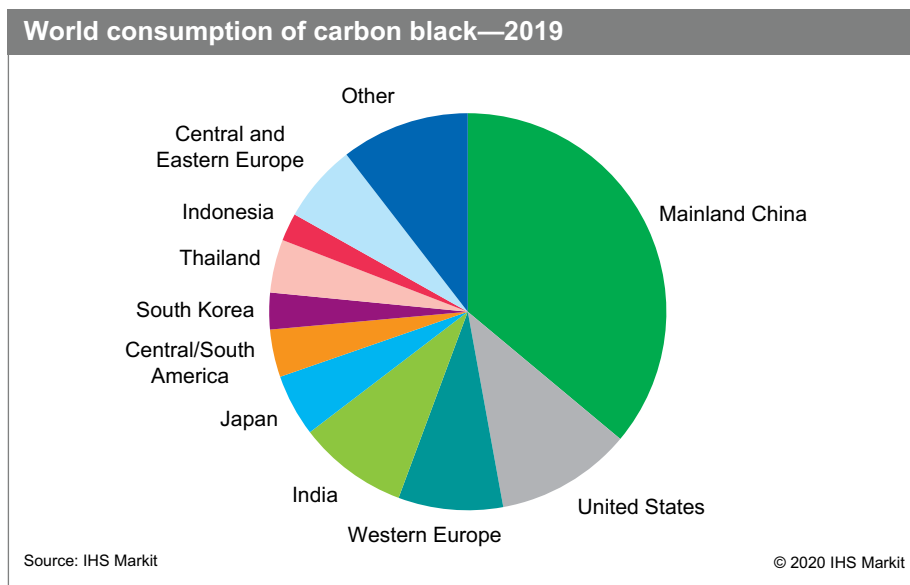
14 December 2020

## Abstract

Carbon black is a form of carbon generally produced by the incomplete combustion or thermal decomposition of hydrocarbons under controlled conditions. It is used to improve certain properties of the materials to which it is added, primarily as a reinforcement agent, light stabilizer, and black pigment for rubber in tires and other rubber products; as a pigment in coatings, printing inks, and plastics; and for conductive properties in polymers and resins. Production economics are very dependent on the specific feedstock for carbon black manufacturing, which varies widely by region.

The growth of carbon black is closely tied to the automotive industry and the production of tires. With the global automobile industry moving east to mainland China, India, and Central and Eastern Europe, the tire industry has followed, and with it the carbon black producers. The availability of natural rubber in Southeast Asia is also a factor in the tire industry's investment pattern.

The following chart shows world consumption of carbon black:



For more detailed information, see the table of contents, shown below.

**IHS Markit's Chemical Economics Handbook – Carbon Black** is the comprehensive and trusted guide for anyone seeking information on this industry. This latest report details global and regional information, including

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Global summary;  
regional coverage



Producers with  
annual capacities  
and plant sites



Production figures  
and trends



Consumption and  
forecasts by end use  
application



Manufacturing  
processes and  
environmental issues



Trade – imports  
and exports

**IHS Markit's Chemical Economics Handbook – *Carbon Black*** has been compiled using primary interviews with key suppliers, organizations and leading representatives from the industry in combination with IHS Markit's unparalleled access to upstream and downstream market intelligence, expert insights into industry dynamics, trade and economics.

This report can help you:

- Identify trends and driving forces influencing chemical markets
- Forecast and plan for future demand
- Understand the impact of competing materials
- Identify and evaluate potential customers and competitors
- Evaluate producers
- Track changing prices and trade movements
- Analyze the impact of feedstocks, regulations, and other factors on chemical profitability

# Contents

<b>Executive summary</b>	<b>6</b>
<b>Summary</b>	<b>8</b>
<b>Manufacturing processes</b>	<b>12</b>
Furnace black	12
Thermal black	13
Lampblack	14
Acetylene black	14
Channel black	14
<b>Grades</b>	<b>16</b>
<b>Carbon black feedstocks</b>	<b>18</b>
<b>Carbon black substitutes</b>	<b>19</b>
<b>Transportation/distribution</b>	<b>20</b>
<b>Environmental issues</b>	<b>21</b>
<b>Supply and demand by region</b>	<b>22</b>
United States	22
– Producing companies	22
– Salient statistics	26
– Consumption	27
– Elastomers	29
– Nonelastomers	31
– Plastics	32
– Printing inks	33
– Paint	33
– Paper	33
– Other	34
– Price	34
– Trade	35
– Imports	36
– Exports	38
Canada	42
– Producing companies	42
– Salient statistics	42
– Consumption	43
– Trade	43
– Imports	43
– Exports	44
Mexico	44
– Producing companies	44
– Salient statistics	45
– Consumption	46

– Trade	46
– Imports	46
– Exports	47
Central and South America	47
– Producing companies	47
– Salient statistics	48
– Consumption	51
– Trade	51
Western Europe	52
– Producing companies	52
– Production	56
– Consumption	56
– Tires and nontire rubber	58
– Plastics	60
– Pigments	60
– Other	60
– Price	60
– Trade	62
Central and Eastern Europe	63
– Producing companies	63
– Salient statistics	65
– Production	67
– Consumption	68
– Trade	68
Middle East	69
– Producing companies	69
– Production	70
– Consumption	71
– Trade	72
– Imports	72
– Exports	72
Africa	73
– Producing companies	73
– Production	74
– Consumption	75
– Trade	75
– Imports	75
– Exports	76
India	76
– Producing companies	76
– Salient statistics	78
Northeast Asia	79
– Mainland China	79

– Producing companies	79
– Salient statistics	84
– Production	85
– Consumption	85
– Price	86
– Trade	87
– Japan	87
– Producing companies	87
– Salient statistics	88
– Production	89
– Consumption	91
– Elastomers	92
– Tires	92
– Other	93
– Nonelastomers	93
– Price	94
– Trade	95
– South Korea	99
– Producing companies	99
– Salient statistics	99
– Taiwan	100
– Producing companies	100
– Salient statistics	101
Indonesia	102
– Producing companies	102
– Salient statistics	102
Malaysia	103
– Producing companies	103
– Salient statistics	103
Thailand	104
– Producing companies	104
– Salient statistics	105
Other Asia and Australia	106
<b>Additional resources</b>	<b>110</b>
<b>Revisions</b>	<b>111</b>

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