



Product Brief		 
Product: <b>ACTIVATED CARBON</b>	Document Number: CID #	
Document Revision:	Issue/Revision Date: 25 March 2019	
Responsible Person: <b>ALBIN M. GANCHERO</b>	No. of Pages: 2	

<b>SECTOR</b>	<b>Miscellaneous Chemical Products</b>																												
<b>SUBSECTOR:</b>	Activated Carbon																												
<b>Description / PSCC Code</b>	<b>Description/Background</b>  <p>Activated carbon is defined as an amorphous carbon subjected to thermal treatment with oxidizing gases (steam activation method) such as air, steam and carbon dioxide or with chemical agents (chemical activation method) such as zinc chloride and phosphoric acid to increase its adsorptive properties. Wood is by far the most common source of activated carbon, followed closely by coal; coconut shell and peat are also used in large quantities, but they are more expensive and less readily available. Many importing countries and industries prefer activated carbon from coconut shell due to its high degree of surface reactivity, universal adsorption effect, and favorable pore size making it the best form with highest absorbency.</p> <p>It is available in granular (GAC), powdered (PAC), pelletized, extruded and fiber forms.</p> <p>In the Philippines, activated carbon producers are using coconut shell charcoal through steam activation.</p> <table> <tr> <th>No.</th><th>HS</th><th>Description</th></tr> <tr> <td>1</td><td><b>3802100001</b></td><td>Coconut-shell based activated carbon</td></tr> <tr> <td>2</td><td><b>3802100009</b></td><td>Other activated carbon; activated natural mineral products; animal black including spent animal black</td></tr> </table>		No.	HS	Description	1	<b>3802100001</b>	Coconut-shell based activated carbon	2	<b>3802100009</b>	Other activated carbon; activated natural mineral products; animal black including spent animal black																		
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<b>Total Philippine Exports, FY 2017</b>	<b>US\$ 112,158,953</b>	<b>CAGR (2013-2017): 7.51 %</b>																											
<b>Major Export Markets</b>	<b>Major Markets / Export Value and % Share to total PH Export of Activated Carbon</b> <table> <tr> <th>TOP 10 MARKETS</th><th>Value in US\$</th><th>%Share to Total</th></tr> <tr> <td>1. Japan</td><td>21,789,986</td><td>19.33</td></tr> <tr> <td>2. Germany</td><td>20,757,127</td><td>18.43</td></tr> <tr> <td>3. United States of America</td><td>15,653,809</td><td>14.04</td></tr> <tr> <td>4. China, People's Rep. of</td><td>9,851,012</td><td>8.80</td></tr> <tr> <td>5. Korea, Rep. of (South)</td><td>5,502,204</td><td>4.95</td></tr> <tr> <td>6. Netherlands</td><td>3,753,847</td><td>3.33</td></tr> <tr> <td>7. Canada</td><td>3,654,316</td><td>3.24</td></tr> <tr> <td>8. Taiwan (Rep. of China)</td><td>3,439,338</td><td>3.05</td></tr> </table>		TOP 10 MARKETS	Value in US\$	%Share to Total	1. Japan	21,789,986	19.33	2. Germany	20,757,127	18.43	3. United States of America	15,653,809	14.04	4. China, People's Rep. of	9,851,012	8.80	5. Korea, Rep. of (South)	5,502,204	4.95	6. Netherlands	3,753,847	3.33	7. Canada	3,654,316	3.24	8. Taiwan (Rep. of China)	3,439,338	3.05
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