<table>
<tr><td>Product</td><td>CARBOFOIL ABW 250</td></tr>
<tr><td>Description</td><td>High purity expandable graphite with simple processability, for use in manufacturing graphite sheets, gaskets, ropes and blocks.</td></tr>
<tr><td>Process</td><td>CARBOFOIL ABW 250 is expanded in the furnace, at a temperature between 950 to 1000^{0}C, and compressed into sheets, etc of the thickness and size desired.</td></tr>
<tr><td>Product Specifications</td><td>
Principal characteristics
Black shiny flakes
Solid
Odorless
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<tr><td>Density</td><td>0.5 to 0.65gm/cc</td></tr>
<tr><td>Expansion at 1000 degree C /1gm /max</td><td>250 cc Minimum</td></tr>
<tr><td>pH</td><td>6 to 8</td></tr>
<tr><td>Loss on Ignition</td><td>94 % Minimum</td></tr>
<tr><td>Volatile Matter</td><td>25 to 30%</td></tr>
<tr><td>Sulphur Content</td><td>2 to 2.50 %</td></tr>
<tr><td>Moisture Content</td><td>1 % Maximum</td></tr>
<tr><td>Expansion starting temperature</td><td>180 to 185^{0}C</td></tr>
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Typical particle size distribution
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<tr><td>Mesh (BSS)</td><td>Micron</td><td>Wt %</td></tr>
<tr><td>60</td><td>250</td><td>30% Maximum</td></tr>
<tr><td>-200</td><td>-75</td><td>10% Maximum</td></tr>
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No regulatory requirement on graphite intended for food Contact application.
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