Evenkite

Crystal Data: Orthorhombic. Point Group: 2/m 2/m 2/m. As pseudohexagonal tabular crystals to 3 cm. Twinning: Polysynthetic.


Cell Data: Space Group: Pbem. a = 7.47(1) b = 4.980(1) c = 65.85(3) Z = 4

4.18 (100), 3.74 (90), 2.25 (80), 2.52 (70), 2.12 (60), 1.751 (60), 3.02 (50)

Chemistry:

<table>
<thead>
<tr>
<th></th>
<th>(1)</th>
<th>(2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>85.43</td>
<td>85.10</td>
</tr>
<tr>
<td>H</td>
<td>14.99</td>
<td>14.90</td>
</tr>
<tr>
<td>Total</td>
<td>100.42</td>
<td>100.00</td>
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</tbody>
</table>

(1) Evenkia district, Lower Tunguska River, Siberia, Russia; corresponds to C<sub>21</sub>H<sub>44</sub>. (2) C<sub>23</sub>H<sub>48</sub>.

Polymorphism & Series: Polycrystal solid solution of normal paraffin homologues.

Occurrence: An accessory mineral associated with coal; in geodes associated with a vein cutting vesicular welded tuff (Evenkia district, Russia).

Association: Chalcedony, quartz (Evenki district, Russia).

Distribution: From the Evenkia district, Lower Tunguska River, Siberia, Russia.

Name: For the locality in the Evenkia district, Lower Tunguska River, Siberia, Russia.

Type Material: Mining Museum, St. Petersburg Mining Institute, Russia (924-1/1-3).