Dinite


Physical Properties: Tenacity: Very brittle. Hardness = n.d. D(meas.) = 1.01(1) D(calc.) = 1.02 Fuses at 34(1) °C.


X-ray Powder Pattern: Castelnuovo di Garfagnana, Italy. 5.53 (vs), 5.06 (vs), 7.00 (s), 8.92 (ms), 8.32 (ms), 4.02 (ms), 3.870 (m)

Chemistry:

<table>
<thead>
<tr>
<th></th>
<th>(1)</th>
<th>(2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>86.77</td>
<td>86.88</td>
</tr>
<tr>
<td>H</td>
<td>13.44</td>
<td>13.12</td>
</tr>
<tr>
<td>Total</td>
<td>100.21</td>
<td>100.00</td>
</tr>
</tbody>
</table>

(1) Castelnuovo di Garfagnana, Italy. (2) $\text{C}_{20}\text{H}_{36}$.

Occurrence: In bituminous fossil wood in unconsolidated river sediment.

Distribution: From Castelnuovo di Garfagnana, Serchio Valley, Tuscany, Italy.

Name: Honors Professor Olinto Dini (1802–1866), Italian physicist, University of Pisa, Pisa, Italy, who discovered the first specimens.

Type Material: University of Pisa, Pisa, Italy, 8875.