Synthetic Tannin Powder for Leather Industry

<table>
<thead>
<tr>
<th>Capacity</th>
<th>3000 MT/ Annum</th>
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</thead>
<tbody>
<tr>
<td>Plant and machinery cost:</td>
<td>159.00 Lakh</td>
</tr>
<tr>
<td>Working Capital:</td>
<td>0.00 Lakh</td>
</tr>
<tr>
<td>Rate of return(ROR):</td>
<td>26.52 %</td>
</tr>
<tr>
<td>Break Even Point (BEP):</td>
<td>53.71 %</td>
</tr>
<tr>
<td>TCI:</td>
<td>506.00 Lakh</td>
</tr>
<tr>
<td>Cost of Project:</td>
<td>506.00 Lakh</td>
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</tbody>
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The term tannin refers to the use of tannins in tanning animal hides into leather. Synthetic tannins are used in tanneries as replacement to compliment the tanning action made by the natural tanning extracts. They are used as auxiliaries for pre-tanning, re-tanning and combined tanning and as dispersing agents for vegetable tannins and dyestuffs. They have a property to tan animal skin to convert to leather or hide.

Tannin extract is traditionally produced from black wattle trees but there is now stiff competition from tannin extract produced from chestnut and Quebracho trees from South America. Locally there is stiff competition with synthetic tannin. It is this synthetic tannin that is used by all shoe making companies. Synthetic tannin is much cheaper than natural tannin extract from black wattle. Solid mimosa extract is the cheapest and poorest quality tannin extract. GS powder is the highest quality tannin extract, has the highest demand and the profit margin.
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