KaiserSelect® Ultra Precision Rod™ — Because the consistency matters.

6061-T6511U KaiserSelect® Ultra Precision Rod™ is designed with a uniform grain structure throughout the product — resulting in superior machining performance for highly demanding applications. The improved machined surface finish — plus excellent anodize response — also provides superior aesthetics over existing rod products. In head-to-head trials, Ultra Precision Rod™ produced surface finishes up to 50% smoother than the competition.*

Enhanced mechanical properties make Ultra Precision Rod™ even faster.

Ultra Precision Rod™ allows machinists to take advantage of the latest generation machining technology for improved productivity — via increased feeds and speeds of up to 20% (based on real-world machining trials).*

Five reasons to consider Ultra Precision Rod™ for your difficult-to-machine parts:

- Superior grain consistency
- Increased feeds and speeds
- Smaller chip formation
- Improved machined surface finish
- Excellent anodize response

*Each application and process is unique. Results obtained in Kaiser's trials may not be duplicated in all situations.
ORDER NOW!

Available as a mill item from Kaiser Aluminum, ordered as:
**KaiserSelect® Ultra Precision Rod™ 6061-T6511U**

Contact your inside sales representative for details on how to order, or to arrange for our application engineers to support you with this product.

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**Improved Mechanical Properties**

<table>
<thead>
<tr>
<th></th>
<th>YIELD</th>
<th>ULTIMATE</th>
<th>ELONGATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA 6061-T6511</td>
<td>35 KSI</td>
<td>38 KSI</td>
<td>10% min</td>
</tr>
<tr>
<td>KaiserSelect® Precision Rod™ 6061-T6511B</td>
<td>38 KSI</td>
<td>42 KSI</td>
<td>10% min</td>
</tr>
<tr>
<td>KaiserSelect® Ultra Precision Rod™ 6061-T6511U</td>
<td>42 KSI</td>
<td>45 KSI</td>
<td>10% min</td>
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</tbody>
</table>

**Up to 50% Smoother Machined Surface**

In head-to-head trials, KaiserSelect® Ultra Precision Rod™ produced machined surface finishes up to 50% smoother than the competitors’ material.

<table>
<thead>
<tr>
<th>TRIAL RESULTS**</th>
<th>COMPETITOR</th>
<th>ULTRA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machined Finish (Ra µm)</td>
<td>0.54</td>
<td>0.26</td>
</tr>
</tbody>
</table>

**Same part, machined head-to-head, at the same feeds and speeds, using the identical machine setup.**