PRODUCT SPECIFICATION SHEET

Ti-6Al-4V Grade 23
-106 µm/+45 µm

CHEMICAL COMPOSITION:

<table>
<thead>
<tr>
<th>Element</th>
<th>Typical Gr. 23 (% wt.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium</td>
<td>Balance</td>
</tr>
<tr>
<td>Aluminum</td>
<td>5.50 - 6.50</td>
</tr>
<tr>
<td>Vanadium</td>
<td>3.50 - 4.50</td>
</tr>
<tr>
<td>Carbon</td>
<td>&lt; 0.08</td>
</tr>
<tr>
<td>Oxygen</td>
<td>&lt; 0.13</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>&lt; 0.03</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>&lt; 0.0125</td>
</tr>
<tr>
<td>Iron</td>
<td>&lt; 0.25</td>
</tr>
<tr>
<td>Other each, max</td>
<td>0.10</td>
</tr>
<tr>
<td>Other total, max</td>
<td>0.40</td>
</tr>
</tbody>
</table>

APPARENT DENSITY:
2.51-2.65 g/cm³

HALL FLOWMETER:
21-28 s

PARTICLE SIZE DISTRIBUTION (LASER DIFFRACTION):

\[ \text{d}_{10}: 38 \text{ µm}-43 \text{ µm} \quad \text{d}_{50}: 54 \text{ µm}-61 \text{ µm} \quad \text{d}_{90}: 82 \text{ µm}-84 \text{ µm} \]

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PLASMA ATOMIZED

IDEAL FOR ADDITIVE MANUFACTURING

EXCELLENT FLOWABILITY

HIGHLY SPHERICAL

HIGH PACKING DENSITY

LOW POROSITY

FEW SATELLITES

HIGH CHEMICAL PURITY

TSX: PYR • NASDAQ: PYR
• FRA: 8PY

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