

COMPOSITE  
FORGE

Blank Model: 70MLM-1253-7080MM-002

|               | Cut   | Uncut | Units |                  | Max   | Min                 | Units |
|---------------|-------|-------|-------|------------------|-------|---------------------|-------|
| Length        | 84    | 87    | in.   | Line Rating      | 10    | 4                   | lbs.  |
| Butt OD       | 0.431 | 0.440 | in.   | Lure Rating      | 3     | 1                   | oz.   |
| Tip OD        | 0.071 | 0.067 | in.   |                  |       |                     |       |
| Tip Size      | 2.5   | 2.5   | -     | Full Flex Load   |       |                     |       |
| Weight        | 1.4   | 1.5   | oz.   | P100             | 3447  | lbf-in <sup>2</sup> |       |
| Balance Point | 27.2  | 27.9  | in.   | Load             | 19.2  | oz.                 |       |
|               |       |       |       | Deflection Angle | 75.0  | deg.                |       |
|               |       |       |       | Tip Deflection   | -34.0 | in.                 | @ Tip |

|                    | Value   | Units               | Rating        |
|--------------------|---------|---------------------|---------------|
| Power              | 13639.6 | lbf-in <sup>2</sup> | Light         |
| Action             | 0.531   |                     | Moderate Fast |
| Holdout   C50      | 55.5%   | % Cut               | -             |
| Turnover   C80-C50 | 21.2%   | Length              | -             |

|               |        |                     |
|---------------|--------|---------------------|
| Tip Stiffness |        |                     |
| T15           | 123.83 | lbf-in <sup>2</sup> |

|                 |     |     |     |
|-----------------|-----|-----|-----|
| Failure Load    |     |     |     |
| Angle (Degrees) | 30° | 45° | 75° |
| Force           |     |     |     |

Straightness < 0.5° Single-Plane

| Composite Material(s)                                        | Strength (ksi) |           | Modulus (MSI) |           |
|--------------------------------------------------------------|----------------|-----------|---------------|-----------|
|                                                              | Fiber          | Composite | Fiber         | Composite |
| High Modulus Carbon Fiber w/fiberglass scrim ("IM7" "30Ton") | 853            | 477       | 42.7          | 22.4      |

