



## Grandview Materials Inc.

8598 Cotter Street  
Lewis Center, Ohio 43035, USA  
sales@grandviewmaterials.com  
Phone: (614) 488-6998 Fax: (614) 467-3000

### CERTIFICATE OF ANALYSIS

#### FOR

#### MOLYBDENUM ROD

---

CUSTOMER: N/A	SIZE: .750" Dia x 12.00"
P/O No.: xxx032	QUANTITY: 60 PIECE(S)
LOT No.: HMO 3139xxx	SPECIFICATION: ASTM B 387 Type 361

---

#### 1. CHEMICAL ANALYSIS (% WT)

C	0.0092	Fe	0.0010
N	0.0020	Ni	0.0040
O	0.0080	Si	0.0045
P	0.0010	W	0.0105
S	0.0020	Mo	REMAINDER

#### 2. TOLERANCES

DIAMETER (.750") DEVIATION	± 0.005"
LENGTH (12.00") DEVIATION	+0.10"/-0.00"

#### 3. MECHANICAL PROPERTIES

TENSILE STRENGTH (ksi min)	121
YIELD STRENGTH (ksi min)	98
ELONGATION (% min)	2