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Typical Product Specifications & Properties

Sodium Molybdate Dihydrate (Technical Grade)

CAS Number: : 10102-40-6

| Specifications | Limits |
|----------------------------------|---|
| Direct Evaporative Cooling | pt. 100 c, subsequent anhyd. form melts 686 c |
| Water Loss | <= 15% (105C) |
| Mercury, as Hg | <= 0.0005% wt. |
| Chloride | = 0.01% wt. |
| Heavy Metals, as Pb | <= 0.001% wt. |
| pH of a 5% solution | 7.5 - 10.0 |
| Na ₂ MoO ₄ | >= 84.5% wt. |
| Insoluble Matter | <= 0.01 |
| Molecular weight | 241.95 |
| Solubility | water |
| Molybdenum | >= 39.6% wt. |
| Melting Point | 687C |



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| Specifications | Limits |
|---|-------------------|
| Sulfate | $\leq 0.05\%$ wt. |
| $\text{Na}_2\text{MoO}_4 \times \text{H}_2\text{O}$ | $\geq 99.5\%$ wt. |



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