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Typical Product Specifications & Properties

Sodium Hydroxide

CAS Number: : 1310-73-2

| Specifications | Limits |
|---|---|
| Density | 2.12 (204 c) |
| Melting Point | app. 321 °C |
| Fe | < 10 mg/kg |
| Particle Distribution | 0.50 - 1.0 mm — app. 90 % 0.25 - 0.5 mm — |
| Bulk Density | 1.10 - 1.16 g/cm ³ |
| Molar Mass | 40 g/mol |
| NaOH | 99.0 - 99.7 % |
| Solubility (grams/100 gramg water) at 0°C | In Water:@ 0 °C — 42 g/100 cm ³ @ 20 °C — |
| NaClO ₃ | < 15 mg/kg |
| NaCl | < 0.04 % |
| Density (lbs/gal(US)@20°) | (@ 20 °C) : 2.13 g/cm ³ |
| Na ₂ CO ₃ | < 0.4 % |



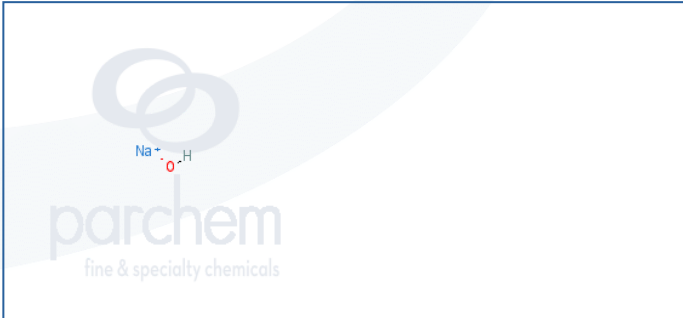
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| Specifications | Limits |
|---------------------------------|--|
| Na ₂ SO ₄ | < 0.02 % |
| Vapor Pressure | 1 mm (739 c) |
| Molecular weight | 40.00 |
| Solubility | water, alcohol, methanol, glycerin |
| Boiling Point | 1390 c |
| Chemical Structure |  |



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