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## Typical Product Specifications & Properties

# Ammonium Persulfate

CAS Number : 7727-54-0

| Specifications             | Limits                   |
|----------------------------|--------------------------|
| Active Oxygen              | 7.0%                     |
| Iron                       | 0.001% Max               |
| Density                    | 1.982                    |
| Direct Evaporative Cooling | in water forming o2      |
| Decomposition temperature  | 177°C                    |
| Assay                      | 98.0 % Min               |
| Manganese                  | 0.0001% Max              |
| Bulk Density               | 1.15 g/cc                |
| Residue on Ignition        | 0.1% Max                 |
| Heavy Metals, as Pb        | 0.003% Max               |
| Sensoric                   | White Crystalline Powder |
| Chlorides                  | 0.005 % Max              |



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| Specifications     | Limits       |
|--------------------|--------------|
| Solubility         | 70.0 @ 20 °C |
| Melting Point      | dec. 120 c   |
| Molecular weight   | 228.20       |
| Chemical Structure |              |



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