



R-Grade Sodium Liquid

Creative Engineers, Inc. offers R-Grade sodium in a reusable cylinder that easily connects to the customer's process.

R-Grade sodium has an upper limit of calcium that is more than an *order of magnitude better* than standard sodium:

Ca	<	10 ppm**
Cl+Br	<	20 ppm
K	<	300 ppm

** Standard grade sodium specification is

Ca	<	400 ppm
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Reduced calcium can be very important for proper chemical reactions and reduced buildup of system impurities.



Each cylinder is UN rated and made of durable 316 SS. The cylinder is filled to order with R-Grade sodium. Then, the cylinder is blanketed with nitrogen or argon gas before being sealed and shipped.

The refillable cylinder includes a dip tube for easy transfer of the product after heating. The container can withstand pressures up to 185 psig which is typically much higher than necessary to connect and transfer the material into the customer process. The capacity is 5 gallons and is filled to the customer requirements up to 15 Kg.

The following products are also available from CEI:

- R-Grade sodium ingots with a size and shape to meet custom requirements
- Standard grade sodium liquid or ingots
- Larger quantities of sodium or other alkali metals
- Special packaging requirements

Contact CEI for pricing, other available quantities, or special packaging options.