

# PHOSPHORUS POWDER

P



NS6130-12-001373

40-60 $\mu$ m



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# Phosphorus Powder

Phosphorus is a chemical element with the symbol P and atomic number 15. Two major forms, white phosphorus and red phosphorus, but because it is highly reactive, phosphorus is never found as a free element on Earth. White phosphorous is the manufactured in industry; it glows in the dark. It is spontaneously flammable when exposed to air and is a deadly poison.

Concentrated phosphoric acids are utilized in fertilizers for agriculture and farm production. Phosphates are employed for special glasses, sodium lamps, in military applications (incendiary bombs, smoke screenings etc.). Some other applications of phosphorus are pyrotechnics, toothpaste, pesticides, and detergents.

## Quick Facts

Product	:	Phosphorus Powder
Stock No	:	NS6130-12-001373
CAS	:	7723-14-0
Purity	:	99.9%
APS	:	40-60µm

## Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
P	30.973g/mol	2.2-2.34 g/cm <sub>3</sub>	590 °C



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