

## Technical Specification

**Product name: Red XRP**

**Product number: HYP-310**

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### **X-Ray Phosphors (XRP)**

X-ray phosphors are designed to respond to X-rays by re-emitting the energy as visible light. X-ray phosphors are incorporated into a variety of X-ray imaging devices. Such devices find applications in medical radiography, security inspection, and industrial non-destructive testing. Among these, the most important application of X-ray phosphors is for the production of X-ray intensifying screens.

Product name: **Red X-ray Phosphor**

Product number: **HYP-310**

Chemical formula: **(Zn,Cd)S:Ag**

Properties:

Melting point: > **1200 °C**

Emission wavelength: **525 nm (Green)**

Medium particle size,  $d_{50}$ : **40±2 μm**

Body color: **Green**

Odor: **Odorless**

#### **Supplier:**

Boston Applied Technologies, Inc.

6F Gill Street

Woburn, MA 01801

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