

Technical Specification

Product name: Red UCP

Product number: HYP-043

Up-Conversion Phosphors (UCPs)

The up-conversion phosphors (UCPs) are used to convert invisible infrared light into various visible lights. When used as anti-counterfeiting materials, these phosphors are able to be added into transparent ink to print invisible text, pattern or code which can be recognized under IR illumination. We now provide high efficient and brightness up-conversion phosphors in color of red, blue, and green.

Product name: **Red Color Up-Conversion Phosphor**

Product number: **HYP-043**

Chemical formula: **NaYF₄:Yb, Er**

Properties:

Emission wavelength: **650 nm (Red)**

Medium particle size (d₅₀): **4±1 μm**

Body color: **White**

Odor: **Odorless**

Supplier:

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