

# Astron<sup>TM</sup> UV

Pigment dispersions for UV curable coatings



# Experience the Penn Color Difference

Penn Color serves the widest base of applications in the industry, with both colors & functional additives for thermoplastics, and dispersions for inks & coatings. The position that Penn Color holds makes a difference for customers: as a global leader, Penn Color is a stable and dependable partner, offering world-class knowledge, experience and capabilities; as a privately held company, Penn Color is fast, nimble, willing to take calculated risks, and easy to do business with.

## Astrad Range

Astrad is a portfolio of water-based, solvent-based and UV dispersions for a broad range of applications in architectural, automotive and industrial coatings.

## Astrad Formulations

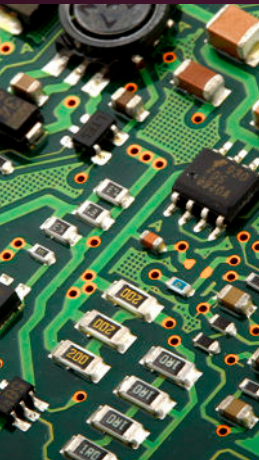
Astrad is available both as a portfolio of standard colorants and as proprietary technologies used by Penn Color to formulate custom dispersions on demand.

# Astrad-UV Properties

Astrad-UV is available in 100% solids in a variety of monomer systems. Astrad-UV is a sustainable solution, offering low energy curing, broad compatibility and various degrees of functionality to ensure optimal performance.

## Applications

Astrad-UV is especially formulated for decorative paints, wood coatings, emulsion paints, protective coatings, marine, automotive, aerospace and powder coatings.



# Color Palette

Color palette available in 3 systems:

- Hexanediol Diacrylate (HDODA)
- Tri (Propylene Glycol) Diacrylate (TRPGDA)
- Trimethylolpropane Triacrylate (TMPTA)



**Diarylide  
Yellow**

☘ PY13



**Benzimidazolone  
Yellow**

☘ PY154



**Bi Vanadate  
Yellow**

☘ PY184



**Naphthol  
Red**

☘ PR170



**DPP  
Red**

☘ PR254



**QA  
Magenta**

☘ PR122



**Carbazole  
Violet**

☘ PV23



**G/S Cu  
Phthalocyanine  
Blue**

☘ PB15:3



**B/S Cu  
Phthalocyanine  
Green**

☘ PG7



**Perylene  
Maroon**

☘ PR179

☘ Pigment

# Color Palette

## Color palette available in 3 systems:

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- Trimethylolpropane Triacrylate (TMPTA)



**Red Iron  
Oxide**

PR101



**Transparent  
Red Iron Oxide**

PR101



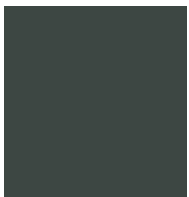
**Transparent  
Yellow Iron  
Oxide**

PY42



**Yellow  
Iron Oxide**

PY42



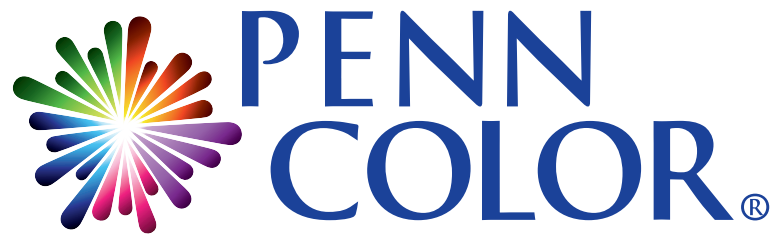
**Carbon  
Black**

PBk7



**Titanium  
White**

PW6



HATFIELD, PENNSYLVANIA | VENRAY - THE NETHERLANDS | SINGAPORE

**Penncolor.com**



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CHECK OUT OUR OTHER ASTRAD PRODUCTS:

Astrad™ **AUTO**

Pigment dispersions for  
water & solvent-based coatings

Astrad™ **IS**

Pigment dispersions for  
solvent-based coatings

Astrad™ **WB**

Pigment dispersion for  
water-based coatings