

# Astrad<sup>TM</sup> **AUTO**

Pigment dispersions for water & solvent-based 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-Auto Properties

Astrad-Auto is available in a wide variety of single pigment dispersions covering the spectrum of automotive grade colors, with high chroma and crystal-clear transparency. Astrad-Auto provides the highest level of flexibility for the paint formulators, with both solvent and water-borne dispersions. Astrad-Auto can be used in both basecoats and mid-coats, for dynamic color effects.

## Applications





Astrad-Auto is especially formulated for optimum compatibility with automotive OEM and refinish coatings systems.



# Color Palette







## Yellow

 Metal Complex  
 Proprietary  24.5  
 9.6







## Magenta

 Quinacridone  
 CAB  25.7  
 7.5







## Red Orange

 Iron Oxide  
 CAB  30.0  
 11.4




## Red

 Perylene  
 Proprietary  30.0  
 8.3



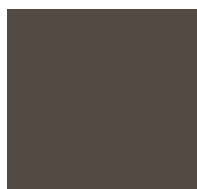
## Blue

 Copper Phthalocyanine  
 CAB  21.5  
 7.9







## Green

 Copper Phthalocyanine  
 CAB  15.0  
 7.8

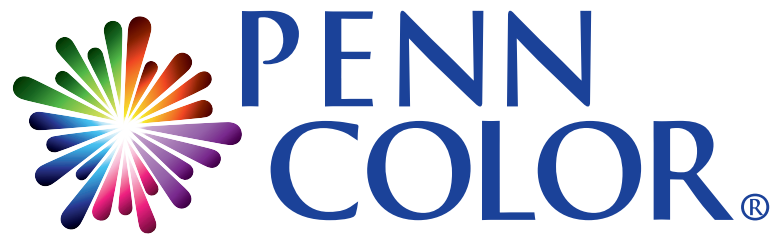


## Black

 Carbon  
 CAB  15.4  
 7.4

 Pigment |  Resin |  Total Solids %BW |  Specific Gravity (lbs/gal)

The accuracy or completeness of product information is not guaranteed and is subject to change without notice.



HATFIELD, PENNSYLVANIA | VENRAY - THE NETHERLANDS | SINGAPORE

**Penncolor.com**



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CHECK OUT OUR OTHER ASTRAD PRODUCTS:

Astrad<sup>™</sup>IS

Pigment dispersions for  
solvent-based coatings

Astrad<sup>™</sup>UV

Pigment dispersions for  
UV curable coatings

Astrad<sup>™</sup>WB

Pigment dispersion for  
water-based coatings