

AstradTM SF

Pigment dispersions for high transparency in specialty applications



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

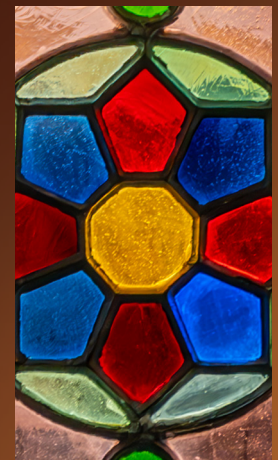
Astrad is available both as a portfolio of standard colorants and as proprietary technologies used by Penn Color to formulate custom dispersions on demand.

Astrad-SF Properties

ASTRAD-SF is an APEO free, binder free, water-based high pigment loaded color dispersion. ASTRAD-SF offers tight distribution of low size particles, for high transparency in specialty applications. The broad product compatibility, extensive color palette, along with the proven Penn Color quality, deliver best-in-class performance for coatings and inks.

Applications

ASTRAD-SF is especially formulated for wood coating and inks for writing instruments.



Color Palette



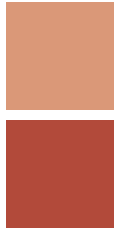
Trans Oxide Yellow

PY 42 TYO 53.5
 35.0 11.43



Organic Yellow R/S

PY 83 55.0
 32.0 9.66



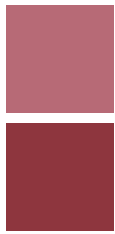
Trans Oxide Red B/S

PR 101 (TRO/BS) 53.3
 35.0 11.94



Trans Oxide Red Y/S

PR 101 (TRO/YS) 43.6
 35.0 11.68



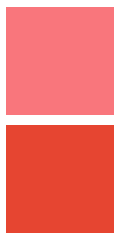
Perylene Red

PR 179 45.0
 25.0 9.49



Naphthol Red

PR 170 50.4
 35.0 9.67



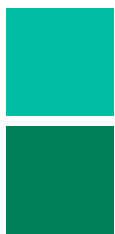
HF3S

PR 188 58.0
 40.0 9.76



Phthalo Blue G/S

PB 15:3 58.0
 40.0 9.46



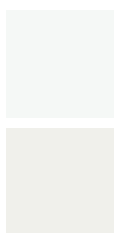
Phthalo Green B/S

PG 7 53.7
 40.0 10.82



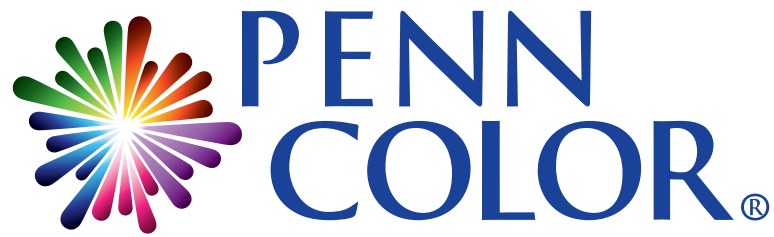
Black

PBk 7 33.6
 25.0 9.64



Titanium White

PW 6 62.7
 60.0 15.78



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[Penncolor.com](https://www.penncolor.com)



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Astrad[™] **AUTO**

Pigment dispersions for
water & solvent-based coatings

Astrad[™] **UV**

Pigment dispersions for
UV curable coatings

Astrad[™] **IS**

Pigment dispersions for
solvent-based coatings

Astrad[™] **WB**

Pigment dispersion for
water-based coatings