

DPA-2

DPA-2 offers excellent ultraviolet protection. It contributes little or no colour to the substrate. Application areas include PVV, polycarbonate, nitrocellulose lacquers, PVC, PA and ABS. It can also be used in PS, PUR and polyester gel-coats. Plastics use level range from 0.3% to 0.5%. Costing concentration will range from 0.5% to 1.5%, based on resin solids. UV Stabilizer (5232-99-5) Etocrylene

Applications:

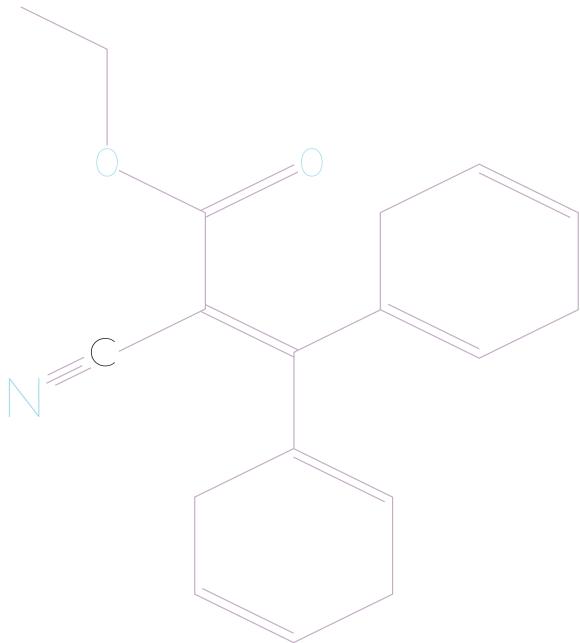
Plastics: Polystyrene, Styrene Copolymers, Polycarbonate, PVC
Coatings: Acrylics, Varnishes, Nitrocellulose and other Lacquers, Polyurethanes, Polyester Gel-Coats and Inks
Adhesives: Vinyl and Acrylic.

Physical and Chemical Properties:

Physical Form: White Powder
Melting Range: 93°C
Mass Density: 1.16 g/cm³ at 25°C
K-Value: 47 at 304nm

Technical Information:

Ethyl 2-cyano-3,3-diphenylacrylate
CAS: 5232-99-5
C18H15NO2



Summary:

DPA-2 is very effective at protecting plastics and coatings from the damaging ultraviolet radiation found in sunlight. DPA-2 offers excellent UV protection and good heat stability, a combination which makes it useful in many thermoplastic resins. It contributes less colour to coatings and plastics than many other UV stabilizers.