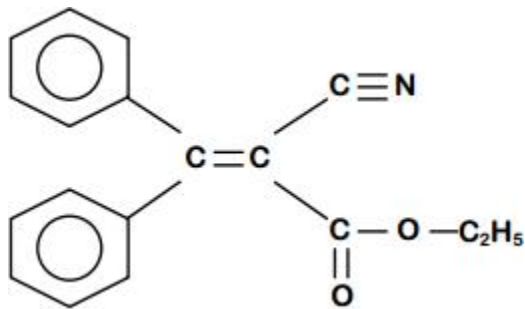




Ultraviolet Absorber UV-3035

Basic information

Chemical Name	Etocrilene
CAS	5232-99-5
Alisa	Ethyl-2-cyano-3,3-diphenyl acrylate; UV-3035
MF	C ₁₈ H ₁₅ NO ₂
MW	277.32
Structure	

Quality Standard:

Test Item	Test standard	Remark
Appearance	White crystalline powder	
Purity	≥ 99.5%	Better than other factories
Melting point	96.0-98.0°C	
Loss on drying	≤ 0.5%	
Max single impurity	≤ 0.3%	Better than other factories
K-value (E 303nm)	≥ 46.00	
Turbidity	≤ 10 NTU	
Gardner Color	≤ 2.0	



Application

UV 3035 is very effective at protecting plastics and coatings from the damaging ultraviolet radiation found in sunlight . It can absorb 280-320nm of ultraviolet light, with a peak absorption of 306nm. The molecular structure does not contain phenolic hydroxyl group, has excellent chemical stability, through the ester group structure change, has excellent resin compatibility. Suitable for polyvinyl chloride, polystyrene, styrene copolymer, polycarbonate, polyamide, polyurethane, ABS resin, varnish ink, gel coating, container coating, acrylic and vinyl adhesives, especially suitable for acrylic resin, urea formaldehyde resin, epoxy resin, polyester resin, polyurethane resin, nitrocellulose. It is especially used in the top coating of coatings to improve the durability of coatings.

UV-3035 is soluble in MEK and soluble in acrylic resin. When combined with light stabilizer, the synergistic effect is remarkable. The general dosage is 0.1-0.5%.

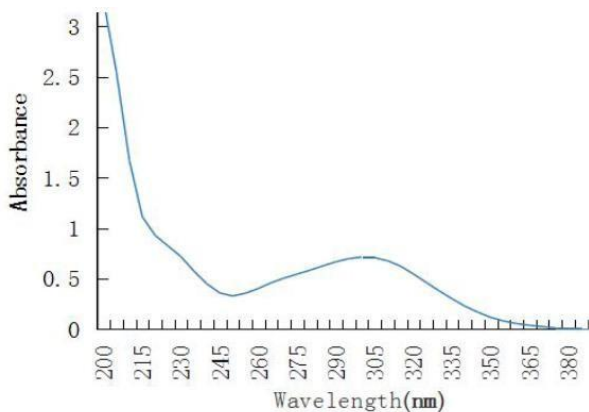
Application field

-Plastic: Polystyrene, styrene copolymer, polycarbonate, PVC and other materials.

-Coatings: Acrylic, varnish and other coatings for food containers; Polyurethane coatings, gel coatings and inks.

-Adhesive: Acrylic and vinyl, etc

-It has good synergistic effect when used with blocked phenol antioxidant



Packing: Net weight 25kg/drum, or according to requirement

Storage: Store in a cool, dry and ventilated place. Avoid direct sunlight, shelf life for two year.