

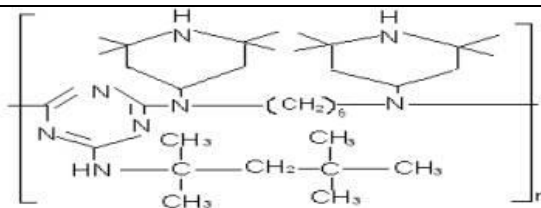


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Hindered Amine Light Stabilizer 944

Chemical name	Poly-{{6-[(1,1,3,3-tetramethylbutyl) amino]-1,3,5-triazine-2,4-diyl} [(2,2,6,6-tetramethyl-4-piperidyl) imino]-1,6-hexanediyl[(2,2,6,6-tetramethyl-4-piperidyl) imino]}
CAS NO	71878-19-8
Molecular formula	[C ₃₅ H ₆₄ N ₈] n (n=4-5)
Chemical structure	
Appearance	≥93 %(425nm) ≥95 %(450nm) Volatile matter: ≤1.0%
Ash	≤0.1%
Molecular weight	2100-3000
Softening point	110°C -130°C
Bulk density	548-646 (g/L)
Relative density	1.01(20°C)
Content (HPLC)	≥99.0%
Weight loss temp	> 270°C
Solubility	Soluble in organic solvents, slight in methanol, insoluble in water Introduction: It is one kind of high molecular Light stabilizer, with multiple functional groups. It can be used in low density PE film, PP tape, EVA film, ABS, PP fibre, PPE, polyacetals, polyamides, polyurethanes, PVC, PVC blending material, polystyrene, rubber and viscose, it can work with UV adsorbent because its special structure and large molecular weight (3000). It also can be used in film and fibre. also, can be used as antioxidant and heat stabilizer of polymer, the dosage of agricultural film is 2.
Cautions	S or halogen may offer bad effects, or some stabilizer, insecticide and fire retardant may react with 944. Please test before use.
Packing & Storage	Avoid high temp. and moisture.25KG composite paper bag ;25KG paper box (w40cm*I60cm*h25cm); 25KG carton (dia36cm*h50cm) or following your demand.