

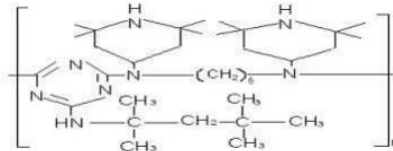
**Description**

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. : 70624-18-9

Molecular formula:  $[C_{35}H_{64}N_8]_n$  (n=4-5)

Chemical Structure:

**Specification**

Appearance:	white powder or granule			
Light transmittance:	$\geq 93\%$ (425nm)			
	$\geq 95\%$ (450nm)			
Volatile matter:	$\leq 1.0\%$			
Ash:	$\leq 0.1\%$			
Molecular weight(Mn ):	2100-3000			
Softening point :	110°C -130°C			
Purity%:	$\geq 99$			
Specific Gravity(20°C):	1.01g/cm <sup>3</sup>			
Bulk Density:	500-700g/l			
Solubility(20°C)g/100gSolution	Acetone	>50	Chloroform	>30
	Ethanol	<0.1	Ethyl acetate	>50
	Volatility(TGA-data,heatingrate20°C/mininair)			
	250	0		
	275	0.2		
	300	1.0		

**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 fiber, 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 fiber. 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 V-Sorb 944. Please test before use.

**Storage:** Store in dry places under 30°C avoiding moisture and heat.

**Package:** 25kgs cardboard/drum (inner with plastic bag) or according to customer's request.

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