

SULFAMET

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HINDERED AMINE LIGHT STABILIZER 944

TECHNICAL DATA SHEET

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-hexanediy][{(2,2,6,6-tetramethyl-4-piperidyl)imino}}}
Formula	[C ₃₅ H ₆₄ N ₈] _n (n=4-5)
CAS NO	70624-18-9
Molecular Weight	2100-3000
Appearance	white powder or granule
Light Transmittance	≥93 % (425nm) ≥95 % (450nm)
Volatile Matter	≤0.5%
Ash Content	≤0.1%
Softening Point	110°C -130°C
Bulk Density	548-646 (g/L)
Relative Density	1.01 (20°C)
Weight Loss Point	≥270°C
Solubility	Soluble in organic solvents, slight in methanol, insoluble in water
Toxicity	Intoxic
Features and Application	Polymerized highly effective HALS with low volatility and low degradation, a fine heat stabilizer and anti-oxidant, working well with Antioxidant and UV absorber. Widely used in PP, PE, HDPE, LDPE, LLDPE, PEX, PPE, POM, PA, PU, PVC.
Recommend Dosage	2‰-3‰
Cautions	Avoid direct sunlight, moisture, high temperature, substances with sulfur or halogen, such as Flame Retardants and Pesticides. Testing required before use.
Package and Storage	25kgs cardboard or drum (inner with plastic bag) or customized.