

UV-119

Specifications

Property	Value
CAS Number	106990-43-6
Molecular Formula	C ₁₃₂ H ₂₅₀ N ₃₂
Molecular Weight	2285.61
Density	1.019 g/cm ³
Other Names	1,3,5-Triazine-2,4,6-triamine,N,N''-1,2-ethanediylbis[N-[3-[4,6-bis[butyl(1,2,2,6,6-pentamethyl-4-piperidiny]amino]-1,3,5-triazin-2-yl]amino]propyl]-N',N''-dibutyl-N',N''-bis(1,2,2,6,6-pentamethyl-4-piperidiny)-(9CI); 1,5,8,12-Tetrakis[4,6-bis(N-butyl-N-1,2,2,6,6-pentamethyl-4-piperidylamino)-1,3,5-triazin-2-yl]-1,5,8,12-tetraazadodecane; Chimassorb 119; Chimassorb 119FL; HALS 11; Lowilite 19; Tinuvin 119
Appearance	Light yellow crystalline powder or granular
Melting Point	115-150°C
Ash	0.1% max
Volatiles	1.0% max
Transmittance (10% w/v Toluene)	425 nm: 90% min
Risk Statements	43-51/53
Safety Statements	26-36-61-37-24-22
Hazard	Xi, N

Applications

UV-119 is one of high formula weight ultraviolet light stabilizers with good migration resistance and low volatility. It is an effective antioxidant which provides significant long-term heat stability for polyolefins and elastomers. UV-119 is particularly effective in PP, PE, PVC, PU, PA, PET, PBT, PMMA, POM, LLDPE, LDPE, HDPE, polyolefin copolymers and blends with Grandsorb 531 in PO.

Packaging

Packaged in 25kg drum lined with polyethylene bags, or as required by customer.

Storage

Store in a cool, dry, and well-ventilated location. Keep product sealed and away from incompatible materials.