



Dongguan Baoxu Chemical Technology, Ltd.
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UV 234 / Tinuvin 234

Chemical name: 2-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol

Formula	C ₃₀ H ₂₉ N ₃ O	
Molecular Weight	447.5	
CAS#	70321-86-7	

Specification:

Appearance	slightly yellow powder or granules	
Melting point	137 – 141 °C	
Flashpoint	> 150°C	
Solubility (20°C)	Water	< 0.01
	MeoH	< 0.1
	EtoH	0.3
	Acetone	2
	Ch ₂ Cl ₂	15
	Hexane	0.6

Application: >Low Volatile Benzotriazole UV Absorber; high molecular weight

>Tinuvin 234 exhibits high absorbance in the 300-400 nm region and minimal absorbance in the visible region (> 400 nm) of the spectrum.

>Especially suited for polycarbonates, polyesters, and other polymers usually processed at high temperatures. In polyolefins, it has a low volatility at high temperatures and high resistance to thermal degradation for polyolefin compounding and molding applications. It is especially suitable for applications of high surface area, such as films and fibers.

>Use levels of Tinuvin 234 range between 0.15 and 0.60 %, depending on

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substrate and performance requirements of the final application.

Handing and safety:

- >Tinuvin 234 exhibits a very low order of oral toxicity and does not present any abnormal problems in its handling or general use.
- >For additional handing and toxicological information, please consult us for **Maternal Safety Date Sheet**

Package: 25kg per fiber drum, 9*3 layer 27drum per pallet ,or as required

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