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TDS of optical brightener ob

Product name	Optical brightener ob
Chemical	2,5-Thiophenediylbis(5-tert-butyl-1,3-benzoxazole) CAS: 7128-64-5 chemical structure: C ₂₆ H ₂₆ N ₂ O ₂ S Equivalentents:Uvitex OB, Tinopal OB, FBA 184, CI 184, OBA 184
Features	Brilliant bluish whitening effects; excellent heat resistance; high chemical stability; good compatibility in a wide range of resin.
Specifications:	Ash % 0.2max Melting Point (DTA) 199-202°C Appearance Slight greenish yellow powder Odor Free of odor Volatile Content % 0.4max Assay % 99.0%
Application:	OB is recommended for plastic including Polyolefins, Styrenics, PVC, Adhesives, UP, PET, PC, PMMA, PA, also used for Solvent-borne inks and coatings.
Handing and Safety:	FDA approved for use in polymers subject to the limitations in 21 CFR §176.170(c). For additional handing and toxicological information, please consult us for Maternal Safety Date Sheet.
Packing:	25kg / fiber drum with PE liner,inside lining plastic bag. 6*2 layer 12 drum per pallet, 5 CBM per ton, or according to customers' requirements.

COA of optical brightener ob

Items	Standard Value	Test Result
Appearance	Light yellow powder	pass
Melting point	199°C~202°C	199.7°C
Volatile content	≤0.4%	0.18%
Ash content	≤0.2%	0.10%
Purity	99.0 % min	99.20%
particle size	≥180mesh	pass