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TDS of optical brightener ob-1

Product name	Optical brightener ob-1
Chemical	4,4'-bis(benzoxazol-2-yl)stilbene CAS: 1533-45-5 chemical structure: C ₂₈ H ₁₈ N ₂ O ₂ Equivalentents: Eastobrite OB-1, Uvitex OB one,FBA 393, CI 393, OBA 393
Features	optical brightener ob-1 is an universal plastic OBA. excellent brightening ability, good thermal stability, and compatibility with many polymers.
Specifications:	Ash % 0.5max Formula C ₂₈ H ₁₈ N ₂ O ₂ Melting Point (DTA) 359-361°C Appearance Greenish / Yellowish Powder Odor Free of odor Volatile Content % 0.5max Assay % 98.5% Particle Size 300 meshes
Application:	Suite for fibers and in engineering plastics
Handing and Safety:	FDA cleared for use in all polymers 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.

COA of optical brightener ob-1

Items	Standard Value	Test Result
Appearance	Yellowish greenish crystal powder	Yellowish greenish crystal powder
Melting Point	350-370°C	364°C
Purity	≥98.5%	99.00%
Color Shade	blue	blue
Fineness	≥200 mesh	200 mesh
Water-fast Content	≤0.5%	0.24%