Tai Xing
泰星股份 绿色智造

Anhydrous zinc borate

(HT-261ZB23)

CAS NO.1332-07-6

Description

Anhydrous zinc borate is prepared by removing crystal water from 2ZnO·3B2O3·3.5H2O at high temperature. Compared with other zinc borate, it has higher thermal stability and can be used at higher processing temperatures

Physical and Chemical Properties

Items	Unit	Index
Appearance	—	White Powder
B_2O_3	%	52.0 ～ 56.0
ZnO	%	42.0 ～ 44.0
Whiteness	%	≥92.0
Moisture	%	≤0.5
Loss on Ignition(400℃)	%	≤1.5

Key advantages

High decomposition temperature , Loss on Ignition is less than 1% at 400℃ , and it can be used in high temperature processing

Application

It is used for polymer flame retardant systems with high processing temperature requirements such as high-temperature nylon, polyester, polyetherketone, polysulfone, and fluoropolymers whose processing temperature is higher than 290°C.