

# BX DHT

(Synthetic Hydrotalcite)

## TECHNICAL DATA SHEET

### Introduction:

BX DHT is a kind of aluminium and magnesium hydroxide, and it's a status of ultramicro powder, and has good dispersibility in processing. BX DHT is mainly used as acid absorber in polyolefin processing.

### Property:

It has appearance of white powder, and is insoluble in water.

**CAS No.:** 11097-59-9

### Specifications:

ITEMS	UNIT	TECHNICAL INDEX
Appearance	--	White powder
MgO / Al <sub>2</sub> O <sub>3</sub> Ratio	%	4.00 ~ 5.00
Loss on Heating ( 105±3 )	%	1.00 Max
Heavy Metal ( Pb )	ppm	10.00 Max

### Application:

As an acid scavenger, BX DHT has advantages of high capacity of acid absorber, no separate out, great heat stability than traditional Calcium Stearate, it has favorable applicability with plastic additives in processing, and the polymer will not occurs yellow-turning. The product mainly used as:

- Acid absorber in polyolefin processing;
- UV absorber in agricultural PE、PVC、EVA;

### Usage:

The product has good dispersibility, it could be used together with resin directly. Commix both of BX DHT and resin evenly and extrusion.

**FDA: FCN No. 1026, information on FDA official website:**

<http://www.accessdata.fda.gov/scripts/fcn/fcnDetailNavigation.cfm?rpt=fcsListing&id=1026>

### Storage and Packing:

Should be stored in ventilative, dry, shady and cool place, protected from damp, light and heat.  
The packing is 20kg net weight per standard export bag or carton with inner PE bag.