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HYDROTALCITE

(DNT-07)

1. General Applications of Hydrotalcite

- ▶ Non-toxic heat stabilizer for PVC
- ▶ Non-halogen flame retardant (ABS, LDPE, NYLON)
- ▶ Neutralizer for zigler catalyst (PP, LLDPE, HDPE, EPDM)
- ▶ Anti-blocking agent(PE, PP, Film)
- ▶ Pharmacy and medical treatment
- ▶ Textile

2. DNT-07 (Commodity Name)

DNT-07 is only for PVC stabilizer.

There is several advantages as follows ;

- High heat stability
- Excellent transparency
- Good dispersion
- Good acid adsorption
- Used in food package
- Can use more Zn-St than others at PVC stabilizer

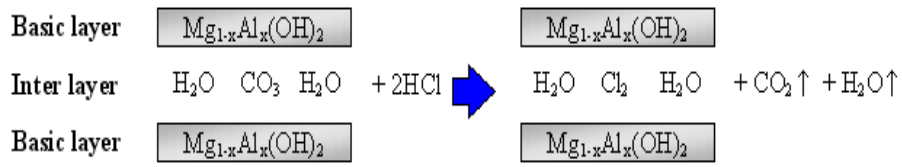
3. Packing

20kg (Paper bag)

4. Specification

Classification	Typical properties	Remarks
Appearance	White odorless fine powder	
Chemical formular	$Mg_4.3Al_2(OH)_{12}.6CO_3.mH_2O$	
Moisture	0.5 max.	
MgO/Al ₂ O ₃ mole ratio	4.3 : 1	
Particle Size	0.2~0.5 μm	
Particle Shape	Platelike	
BET(m ² /g)	12	
Refraction Index	1.5	

5. Mechanism of Acid-adsorption



6. SEM Image of DNT-07

(x50,000)

