

TECHNICAL DATA SHEET

Trade Name: HC TB1805			
INCI Names: Talc (and) Boron Nitride			
Ingredients and Composition			
Ingredients	By Weight (%)	CAS No.	EINECS
Talc	96	14807-96-6	238-877-9
Boron Nitride	4	--	701-292-9
Physical Properties:			
Appearance	Free flowing powder		Visual
Odor	Faint Characteristic Odor		Organoleptic
Whiteness/（Wr）	≥92		Colorimeter
Tap Density	0.45-0.75g/cm3		GB/T 5162
Loss on Drying	≤1.0%		105℃ 2 hours
Oil Absorption	30-60g/100g		GB/T 5211
Asbestos	Negative		XRD&PLM
Hydrophobicity:	0.5g floats on 50 ml of water for about 15 minutes with no disturbance		Float powder on water at room temperature
Heavy Metal			
Lead（Pb）	mg/kg	≤20	Analysis was performed by ICP-MS, GFAAS and Hg analyzer
Arsenic (As)	mg/kg	≤2	
Mercury (Hg)	mg/kg	≤1	
Antimony (Sb)	mg/kg	≤1	
Cadmium (Cd)	mg/kg	≤3	
Nickel (Ni)	mg/kg	≤10	Analysis using ICP-OES
Microbiological Contamination			
Total bacteria	cfu/g	<100	GB/T7918
Coliform	---	Negative	GB/T7918
Moulds & Yeasts Count	cfu/g	<10	GB/T7918

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