



Specification

GR1151 Pure-white pearl

Edition: YZ2019-01TDS

Assays		Values		Method
Content	CAS-NO.	CI-NO.		
Synthetic Mica	12003-38-2		78~84 wt%	YUNZHU
TiO ₂	13463-67-7	77891	15~21 wt%	YUNZHU
SnO ₂	18282-10-5	77861	≤1 wt%	YUNZHU
Visual evaluation				
Color		pass		YUNZHU
Luster		pass		YUNZHU
Density		2.5~3.1 g/cm ³		ISO 787-10
Bulk density		14~20 g/100ml		DIN 53466
Particle size	80 % within the range 10-100 μm	pass		Laser diffraction
PH – value	10 % aqueous slurry	5~9		ISO 787-9
Loss on drying	105 °C	< 0.5 wt %		ISO 787-2
Oil absorption		50 ~ 90 g oil/100g powder		ISO 787-5
Heavy metals				
		Pb ≤ 10 ppm		YUNZHU
		As ≤ 2 ppm		YUNZHU
		Hg ≤ 1 ppm		YUNZHU
		Cd ≤ 1 ppm		YUNZHU
		Sb ≤ 2 ppm		YUNZHU
		Cr ≤ 100 ppm		YUNZHU
		Cu ≤ 50 ppm		YUNZHU
		Ni ≤ 10 ppm		YUNZHU
Microorganisms				
	Aerobic bacteria	≤ 100 CFU /g		YUNZHU
	Yeasts and moulds	≤ 100 CFU /g		YUNZHU
	Gram negative bacteria	absent in 1 g		YUNZHU
	Staphylococcus aureus	absent in 1 g		YUNZHU

Note: This colorant conforms to the regulations 1223/2009, EU231/2012 and FDA 21 CFR 73.

Shanghai Yunzhu Pigment Technology Co.,Ltd.

No.27 Lane 111, Shunda Road, Nanxiang Town, Jiading Area, Shanghai, China.

Tel: 0086-21-56377935 / 56373532

Fax: 0086-21-66102842

Home Page: www.chinayunzhu.com

E-mail: shyz@chinayunzhu.com