



Specification

GR1100 Pure-white pearl

Edition: YZ2019-01TDS

Assays		Values		Method
Content	CAS-NO.	CI-NO.		
Synthetic Mica	12003-38-2		68~77 wt%	YUNZHU
TiO ₂	13463-67-7	77891	23~31 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			15 ~ 21 g /100ml	DIN 53466
Particle size	80 % within the range 10-60 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.

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