



# Specification

## GR3200 Glaring sparkle gold

Edition: YZ2019-01TDS

Assays		Values		Method
Content	CAS-NO.	CI-NO.		
Synthetic Mica	12003-38-2		74 ~ 82 wt%	YUNZHU
TiO <sub>2</sub>	13463-67-7	77891	17 ~ 22 wt%	YUNZHU
SnO <sub>2</sub>	18282-10-5	77861	≤ 1 wt%	YUNZHU
Fe <sub>2</sub> O <sub>3</sub>	1309-37-1	77491	1 ~ 3 wt%	YUNZHU
<b>Visual evaluation</b>				
Color		pass		YUNZHU
Luster		pass		YUNZHU
Density		2.7~ 3.3 g /cm <sup>3</sup>		ISO 787-10
Bulk density		17 ~ 25 g /100ml		DIN 53466
Particle size	80 % within the range 40-200 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
<b>Heavy metals</b>				
	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
<b>Microorganisms</b>				
	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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