



# Specification

## AG419 Black

Edition: YZ2019-01TDS

Assays			Values	Method
Content	CAS-NO.	CI-NO.		
Mica	12001-26-2	77019	50~62 wt%	YUNZHU
TiO <sub>2</sub>	13463-10-7	77891	18~24 wt%	YUNZHU
Pigment black 7	1333-86-4	77266	20~26 wt%	YUNZHU

### Visual evaluation

Color		pass	YUNZHU
Luster		pass	YUNZHU
Density		2.4~ 3.0 g /cm <sup>3</sup>	ISO 787-10
Bulk density		17~ 23 g /100ml	DIN 53466
Particle size	90 % within the range 10~60μm	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
Conductance		≤100 μs/cm	ISO 787-14

### Heavy metals

Pb	≤	30	ppm	YUNZHU
As	≤	5	ppm	YUNZHU
Hg	≤	1	ppm	YUNZHU
Cd	≤	5	ppm	YUNZHU

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