



Columbia Coatings

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TECHNICAL DATA SHEET

Product name :	EMERALD JADE
Product code :	SHOTS043
INCI Name :	Mica -Titanium dioxide -Tin Oxide- Chromium oxide green
CAS No. :	12001.26.2-13463.67.7-18282.10.5-1308.38.9
Date :	01.02.2023

CHARACTERISTICS		RANGE	
Physical properties			
Characteristics		Emerald Jade	
Average particle size		10- 60 µm	
D-50		21- 26 µm	
Chemical composition			
Mica (C.I. 77019)		43.0 -47.0 %	
Titanium dioxide (C.I. 77891)		52.0 -56.0 %	
Tin oxide (C.I. 77861)		0- 1.0 %	
Chromium oxide green (C.I. 77288)		0- 1.0 %	
Heavy metals			
As	< 2 ppm	Hg	< 1 ppm
Ba	< 50 ppm	Ni	< 10 ppm
Cd	< 3 ppm	Pb	< 10 ppm
Cr	< 100 ppm	Sb	< 1 ppm
Cu	< 50 ppm	Zn	< 50 ppm
Microbial purity			
Total viable Aerobic count		< 100	
E. Coli		Absent in 1 g	
Pseudomonas aeruginosa		Absent in 1 g	
Staphylococcus aureus		Absent in 1 g	
Salmonella species		Absent in 1 g	
Candida albicans		Absent in 1 g	