



**COLUMBIA COATINGS**

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**TECHNICAL DATA SHEET**

Product name :	VIBRANT BLUE
Product code :	SHOTS078
INCI Name :	Mica - Iron oxide- Silica
CAS No. :	12001.26.2-1309.37.1-7631.86.9
Date :	01.10.2021

CHARACTERISTICS		RANGE	
<b>Physical properties</b>			
Characteristics		VIBRANT BLUE	
Average particle size		20- 80µm	
D-50		25-35 µm	
<b>Chemical composition</b>			
Mica	(C.I. 77019)	46.0 -51.0 %	
Iron oxide	(C.I. 77891)	10.0-20.0 %	
Silica		34.0-39.0 %	
<b>Heavy metals</b>			
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
<b>Microbial purity</b>			
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	