



TECHNICAL DATA SHEET

Product name :	Black		
Product code :	Black Pearl Mica		
INCI Name :	Synthetic Mica - Titanium dioxide- Ferroferric oxide		
CAS No. :	12003.38.2-13463.67.7-12227.89.3		
Date :	05.10.2021		
CHARACTERISTICS		RANGE	
<u>Physical properties</u>			
Characteristics		Black	
Average particle size		5-25µm	
D-50		9-11µm	
<u>Chemical composition</u>			
Synthetic Mica		35.0 -45.0 %	
Titanium dioxide (C.I. 77891)		56.0 -59.0 %	
Feroferic oxide (C.I. 77499)		5.0 -7.0 %	
<u>Heavy metals</u>			
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
<u>Microbial purity</u>			
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
