

TECHNICAL DATA SHEET

Product name :	SQ Mica – Metallic Purple – SQ Mica – Metallic Paars
Product code :	KNM062
INCI Name :	Fluorphlogopite- Titanium dioxide - Tin dioxide- Manganese violet
CAS No. :	12003.38.2-13463.67.7-18282.10.5-10101.66.3
Date :	11.10.2014

CHARACTERISTICS		RANGE	
<u>Physical properties</u>			
Characteristics		Bright Violet	
Average particle size		30–150 $\mu$ m	
D-50		49–65 $\mu$ m	
<u>Chemical composition</u>			
Fluorphlogopite		62.0 –68.0 %	
Titanium dioxide (C.I. 77891)		30.0 –37.0 %	
Tin oxide (C.I. 77861)		0– 1.0 %	
Manganese violet (C.I. 77742)		1.0– 2.0 %	
<u>Heavy metals</u>			
As	< 2 ppm	Hg	< 1 ppm
Ba	< 50 ppm	Ni	< 10 ppm
Cd	< 3 ppm	Pb	< 5 ppm
Cr	< 20 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	