

Technical Data Sheet

Product name:	SQ Chrome – Silver – SQ Chroom – Zilver
Product code:	KNM056
INCI Name:	Calcium–aluminum borosilicate, Silver
CAS No.:	65997.17.3 – 7440.22.4
Date:	01.10.2015

CHARACTERISTICS		RANGE	
<u>Physical properties</u>			
Characteristics		Metasilver	
Average particle size		10–100 µm	
D–50		35–42 µm	
<u>Chemical composition</u>			
Calcium–aluminum borosilicate		65.0 –74.0 %	
Silver (CI77820)		26.0 –35.0 %	
<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	