



L.S.K. Enterprise Sdn. Bhd.

Filter Media

Physical Characteristics	
Colour	Tan to off white
Grain Shape	Sub-angular
Specific Gravity	2.65
Bulk Density	1.65 ton / m ³
Chemical Analysis	
Silicon Dioxide, SiO ₂	95% - 98%
Chromium(III) Oxide, Cr ₂ O ₃	20 - 30 ppm
Aluminium Oxide, Al ₂ O ₃	0.30 - 1.00%
Ferric Oxide, Fe ₂ O ₃	0.05 - 0.70%
Titanium Dioxide, TiO ₂	0.04 - 0.10%
Calcium Oxide, CaO	Below 0.01%
Magnesium Oxide, MgO	0.01 - 0.10%
Loss On Ignition, LOI	0.10 - 0.50%
Acid Solubility	0.20 - 0.90%

Effective Size (sizes in mm)	Uniformity Coefficient (UC)
0.30 – 0.40	<1.50
0.35 – 0.45	<1.50
0.40 – 0.50	<1.40
0.45 – 0.55	<1.40
0.50 – 0.60	<1.30
0.54 – 0.71	<1.40
0.55 – 0.65	<1.40
0.60 – 0.80	<1.60
0.63 – 0.85	<1.40
0.80 – 1.20	<1.40
0.85 – 0.95	<1.40
1.00 – 2.00	<1.50
1.05 – 1.27	<1.40
1.25 – 1.60	<1.50
1.60 – 2.00	<1.40
2.00 – 2.70	<1.40