

Our products

Our range of pure and mineral combination opacifiers have been developed specifically by application, ensuring the most efficient use of the mineral sands.

Product Specification

Content	1 Micron	5 Micron	Patta	Micron 1/C	Replacement
Zirconium (ZrO_2)	63%	63%	52%	45%	22%
Hafnia (HfO_2)	1.2%	1.2%	1.0%	0.8%	1.0%
Silica (SiO_2)	33.50%	33.50%	45.0%	52.0%	23.6%
Alumina (Al_2O_3)	1.5%	1.2%	1.5%	1.8%	49.8%
Titanium (TiO_2)	0.2%	0.2%	0.2%	0.2%	0.2%
Iron (Fe_2O_3)	0.06%	0.06%	0.06%	0.06%	0.35%

Typical Physical Properties

Properties	1 Micron	5 Micron	Patta	Micron 1/C	Replacement
Specific Gravity	4.6	4.6	4.6	4.6	4.2
D50 Malvern (μm)	1.1	1.4	1.1	1.1	1.1
Bulk Density	0.8	0.8	0.8	0.8	0.43
L.O.I.	1% Max	1% Max	1% Max	1% Max	1% Max
Radioactivity (U+TH)	<400PPM	<400PPM	<400PPM	<400PPM	<400PPM