

No TiO₂ Effect Pigments



No TiO₂ White Pearlescent Pigments replace Titanium Dioxide with Cerium Oxide as the high refractive index layer to create the pearl effect. PURESILVER are bright and unique silver effect pigments with silver instead of the metal oxide. Light Earth Tone Pearls (gold and OVPs) without Titanium Dioxide only use Silica and Iron Oxides to create color.

Product Name INCI Name	Particle Size (µm)	Color	NOI (ISO 16128)
No TiO₂ White			
K-RAY® SM BRIGHT CRYSTAL NT <i>Synthetic Fluorphlogopite (And) Cerium oxide (And) Silica</i>	10-60	White	1
K-RAY® SM SPARKLE CRYSTAL NT <i>Synthetic Fluorphlogopite (And) Cerium oxide (And) Silica</i>	40-160	White	1
K-RAY® SM ULTRA SPARKLE CRYSTAL NT <i>Synthetic Fluorphlogopite (And) Cerium oxide (And) Silica</i>	100-700	White	1
PURESILVER			
KTZ® G PURESILVER GLISTEN <i>Calcium Sodium Borosilicate (And) Silver</i>	10-60	Silver	1
KTZ® G PURESILVER CRYSTAL <i>Calcium Sodium Borosilicate (And) Silver</i>	30-150	Silver	1
Light Earth Tone			
K-RAY® SM PLATINUM FINE GOLD NT <i>Synthetic Fluorphlogopite (And) Silica (And) Iron Oxides (CI 77491)</i>	5-25	Gold	1
K-RAY® SM PLATINUM GOLD NT <i>Synthetic Fluorphlogopite (And) Silica (And) Iron Oxides (CI 77491)</i>	10-60	Gold	1
K-RAY® SM PERPETUAL BlueGold NT <i>Synthetic Fluorphlogopite (And) Silica (And) Iron Oxides</i>	10-60	Blue to Gold	1
K-RAY® SM PERPETUAL LilacBlue NT <i>Synthetic Fluorphlogopite (And) Silica (And) Iron Oxides</i>	10-60	Lilac to Blue	1
K-RAY® SM PERPETUAL GoldRed NT <i>Synthetic Fluorphlogopite (And) Silica (And) Iron Oxides</i>	10-60	Gold to Red	1

