



Paul S. Newbold

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**Re: Declaration for Ryton® PPS or Xtel® PPS Alloy Products,
Heavy & Trace Metals**

To Whom It May Concern:

Listed below are metals normally expected to be present in Ryton® PPS and Xtel® products in amounts exceeding 1 ppm. Other metals, including Cadmium, Lead, and Mercury, may only be present in Ryton® PPS and Xtel® products as adventitious trace impurities (not intentionally added to the products) in amounts not normally expected to exceed 1 ppm.

- Ryton® PPS and Xtel® compounds utilize polymers, fillers and additives that include substances containing Aluminum (Al), Calcium (Ca), Iron (Fe), Magnesium (Mg), Potassium (K), Sodium (Na), Titanium (Ti), and Zinc (Zn).
- Ryton® PPS and Xtel® compounds may contain up to 10 ppm Chromium (Cr) and up to 5 ppm Nickel (Ni) arising from corrosion of production equipment during the manufacturing process. These are adventitious trace impurities not intentionally added to the products. It has not been determined what fraction of the Chromium is hexavalent Chromium.
- Ryton® BR11-061GO compounds utilize an azo-nickel pigment.
- Ryton® R-10 3001B and R-10 4000B compounds utilize a copper phthalocyanine pigment. These products are no longer in production.
- Xtel® XK2040 and XK2140 compounds utilize Antimony Oxide as a flame retardant additive.

Sincerely,

A handwritten signature in black ink that reads "Paul S. Newbold".

Paul S. Newbold