ERRATUM

Atomic Oxygen Induced Structural Changes in Polyphosphazene Films and Coatings

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Page 396: Table I should read poly(octafluoropentoxy–trifluoroethoxy) phosphazene coatings.

Page 397, Figure 5; ESCA C_{1s} Binding Energies (B.E.) read as follows: 279.7 eV (CR or CH_3), 283.7 eV (O—C—CF), 287.0 eV (CF_2), and 288.9 eV (CF_3). These reported B.E. are uncorrected for sample charging effects.

Page 397; Figure 5; Corrected C_{1s} B.E. should read as follows: 285.1 eV (CR or CH_3), 288.5 eV (O—C—CF), 291.8 eV (CF_2), and 293.7 eV (CF_3).

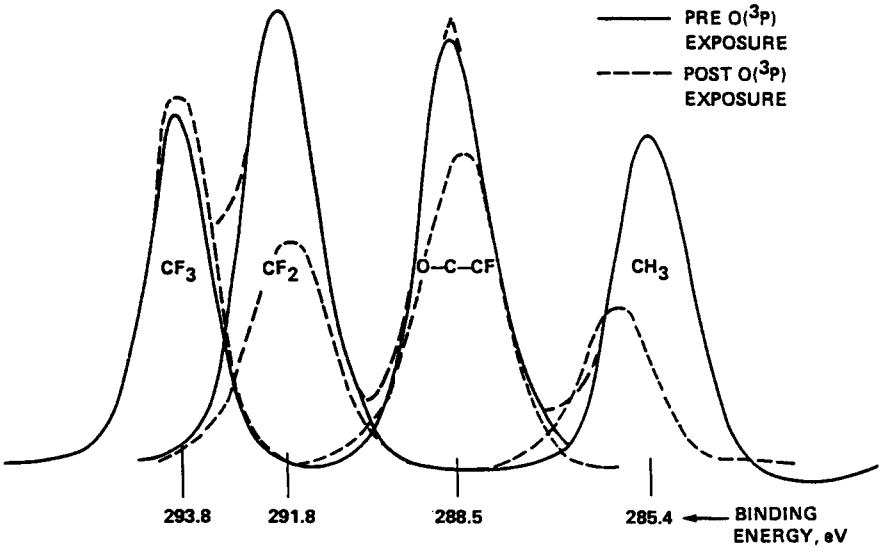
Note: The ESCA wide band spectrum of our poly(fluoroalkoxy phosphazene) film had a strong consistent C_{1s} or "hydrocarbon" signal due to adventitious silicon (SiO_2 and $SiO(CH_3)_2$). The film exhibited a strong fluorine reference signal due to CF_2 units in the pendant group. The presence of these two signals allowed us to create a reference binding energy (B.E.). By assigning the C_{1s} signal from the substrate to be at a B.E. of 284.6 eV (*Phi Handbook*), we determined the B.E. of the fluorine from the sample. After the sample was washed in freon, the B.E. of the fluorine signal determined from the sample prior to freon washing was used as a reference. B.E. corrections were made based on the F_{1s} signal. Binding energies were in agreement with CF_2 binding energies listed in the *Phi Handbook of X-Ray Photoelectron Spectroscopy* (p. 44) listed at a B.E. of 689.0 eV.

Page 402: Tables II, line 11, and Table III, line 8, read:

poly(octafluoropentoxy)
phosphazene coatings

They should read:

poly(octafluoropentoxy–trifluoroethoxy)
phosphazene coatings



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