

RoHS European Directive 2002/95/EC

Aluminum Extruded Shapes hereby certifies to the best of our knowledge that all materials we produce comply with the above directive with reference to substances that are banned from electrical and electronic equipment, effective July 1st 2006. We extrude alloys 6005, 6061, 6063 and 6105. All chemistries comply with Aluminum Association registered chemical limits.

Banned substances:

Lead	(Pb)
Hexavalent Chromium	(CrV1)
Mercury	(Hg)
Cadmium	(Cd)
Poly Brominated Biphenyles	(PBB)
Poly Brominated Diphenyl Ethers	(PBDE)

According to the RoHS document, lead (Pb), cadmium (Cd), mercury (Hg), are the only elements listed that are actually metals that could be in the aluminum alloys. None of these are intentionally added to the raw materials (billets) that we use to produce aluminum extrusions. The billets produced by our suppliers are not exposed to the metallic Hg during processing.

The maximum content of lead (Pb), or mercury (Hg) for the alloys we extrude is 0.05 percent by weight as listed in the "other each" category in the Aluminum Association registered chemical limits. The maximum content of cadmium (Cd) is <0.01%. These chemical limits fall within the maximum allowed contents of the subject directive.

Hexavalent Chromium (CrV1) is listed, however the chromium contained in certain aluminum alloys is metallic (not a hexavalent chromium), which does not have a valence state.

Polybrominated biphenyls (PBB) or Polybrominated diphenyl ethers (PBDE) are not added to the alloys we extrude.

This response pertains to bare aluminum as well as, clear, black, and gold anodized aluminum.