

PMSI Response to RoHS Certification

We are not RoHS certified and do not know of a RoHS certified fabricator of Silver worldwide. With our limited understanding of RoHS we believe our material is compliant with the directive.

Our understanding of EC Directives 2002/95/EC, 2002/525/EC and 2003/11/EC, it notes the material must not contain more than the following maximum concentration limits, either as deliberate additions or impurities:

1. Lead, hexavalent chromium, mercury, pentabromodiphenyl ether, octabromodiphenyl ether, decabromodiphenyl ether, polybrominated biphenyls, polybrominated diphenyl ethers [PBDE] - **0.1% maximum by weight [each]**.
2. Cadmium - **0.01% maximum by weight.**

As a PPM conversion 0.01% is 100 PPM and 0.1% is 1000 PPM. Below is a table pulled from the cert that we provide with every shipment as our metal complies with ASTM B413 standards.

Element	PPM or less	%
Silver, Minimum	-	≥99.95
Bismuth	10 PPM	
Copper	400 PPM	
Iron	20 PPM	
Lead	150 PPM	

Other than lead, many of the materials called out in the RoHS list do not get reported as a normal course of business. We asked for a chemical analysis and composition of the material we have been getting and we believe our material conforms based on our understanding. Again, we are not RoHS certified. Please do let me know if you need anything further. Thanks, PMSI Mgt 12.10.2019