



RoHS 2-certificate

The RoHS 2 directive 2015/863/EU of 31st of March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament limits the use of following substances in new electrical and electronic components released onto the market after 1 July 2006.

Permissible limits:

Mercury (Hg)	0.1% by weight
Cadmium (Cd)	0.01% by weight
Lead (Pb)	0.1% or more by weight *
Hexavalent chromium (Cr VI)	0.1% by weight
Flame retardants PBB and PBDE	0.1% by weight
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% by weight
Butyl benzyl phthalate (BBP)	0.1% by weight
Dibutyl phthalate (DBP)	0.1% by weight
Diisobutyl phthalate (DIBP)	0.1% by weight

* Exception according to 2015/863/EU Annex II:

Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35% by weight.

Lead as an alloying element in aluminum up to 0.4% by weight.

Copper alloy (brass) containing up to 4% lead by weight

Tibnor hereby certifies that all stock kept material meets the requirements for the substances regulated by the RoHS 2.

Tibnor Division

Timo Olkkonen,
Head of purchase and inventory management

Signature

2019-09-10

Date