

ABSENCE DECLARATION (RoHS)

Date: 16 October 2017 ⁽¹⁾

Version 5.0

Product: **TIVAR® Burnguard stock shapes**

To the best of our knowledge, we herewith confirm that the substances cadmium (Cd), lead (Pb), mercury (Hg), hexavalent chromium [Cr(VI)], polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), bis(2-ethylhexyl) phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP) and diisobutyl phthalate (DIBP), regulated by the **Directive 2011/65/EU** of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances (**RoHS**) in electrical and electronic equipment, as amended up to and inclusive of the Commission Delegated Directive (EU) 2017/1011, are neither intentionally introduced² during the production of the raw materials nor during the manufacture of the **TIVAR Burnguard stock shapes**.

Since the presence of the above mentioned substances cannot reasonably be expected, Quadrant Engineering Plastic Products does not systematically check their absence in its stock shapes by testing.

However, a type test carried out by an accredited independent external laboratory by means of ICP-MS (Inductively-Coupled-Plasma Mass-Spectrometry) on **TIVAR Burnguard stock shapes** showed the contents of the heavy metals cadmium, chromium, lead and mercury to be for each individual substance below the detection limits of the ICP-MS testing device used (cadmium: 0.5 ; chromium: 5 ; lead: 1 ; mercury: 0.5 mg/kg).

Since additionally **TIVAR Burnguard stock shapes** do not at all contain plasticisers - plasticisers which could contain bis(2-ethylhexyl) phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP) or diisobutyl phthalate (DIBP) - and contain a flame retardant exempt from polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE), we therefore consider the requirements of the **Directive 2011/65/EU** as being met.

¹ This statement expires in case of regulatory or compositional changes. New statements are published on our website in case of alterations; previous statements then automatically become void. Please always consult our website for the latest version.

² “Intentionally introduced” means “deliberately utilised in the formulation of a material to facilitate manufacture or to provide a specific characteristic, appearance or quality”.

TIVAR® is a registered trademark of the **Quadrant Group**.

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