

## ABSENCE DECLARATION (RoHS)

Date: 12 October 2017 (1)

Version 8.0

Products: the **Quadrant EPP stock shapes** mentioned below:

Duratron® CU60 PBI	Duratron® D7015G PI
Duratron® D7000 PI	Duratron® T4503 PAI
Duratron® T4203 PAI	Duratron® T4501 PAI
Duratron® T4301 PAI	Ketron® CA30 PEEK
Duratron® T5530 PAI	Ketron® HPV PEEK
Ketron® 1000 PEEK natural and black	Techtron® PPS natural
Ketron® GF30 PEEK	Quadrant® 1000 PSU natural
Ketron® TX PEEK	Fluorosint® 207
Techtron® HPV PPS	Fluorosint® HPV
Quadrant® PPSU black	Semitron® ESd 410C
Duratron® U1000 PEI natural	Semitron® ESd 520HR
Fluorosint® 500	
Fluorosint® MT-01	
Semitron® ESd 225	
Semitron® ESd 500HR	

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 introduced<sup>2</sup> during the production of the raw materials nor during the manufacture of the above mentioned **Quadrant EPP stock shapes**.

<sup>1</sup> 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.

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

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, type tests carried out by an accredited independent laboratory on the **Quadrant EPP stock shapes** mentioned above by means of ICP-MS (Inductively-Coupled-Plasma Mass-Spectrometry) showed the sum of the contents of the heavy metals cadmium, chromium, lead and mercury for each individual product mentioned above to be lower than 30 mg/kg (ppm).

For most of these **Quadrant EPP stock shapes**, the contents of cadmium, chromium, lead and mercury even showed 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 the **Quadrant EPP stock shapes** mentioned above do not at all contain flame retardants - flame retardants which could contain polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) - or plasticisers - plasticisers which could contain bis(2-ethylhexyl) phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP) or diisobutyl phthalate (DIBP) - we therefore consider the requirements of the **Directive 2011/65/EU** as being met.

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