

## ABSENCE DECLARATION (RoHS)

Date: 1 July 2021 (1)

Version 4.0

Products: the **Mitsubishi Chemical Advanced Materials 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	Duratron® T4540 PAI
Duratron® T5530 PAI	Ketron® HPV PEEK
Ketron® 1000 PEEK natural and black	Ketron® CA30 PEEK
Ketron® GF30 PEEK	Ketron® MD PEEK
Ketron® TX PEEK	Techtron® PPS natural
Techtron® HPV PPS	
Sultron™ 1000 PSU natural	
Duratron® U1000 PEI natural	
Fluorosint® 500	Fluorosint® 207
Fluorosint® MT-01	Fluorosint® HPV
Semitron® ESd 225	Semitron® ESd 410C
Semitron® ESd 420	Semitron® ESd 480
Semitron® ESd 500HR	Semitron® ESd 520HR

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) 2020/366, are neither intentionally introduced<sup>2</sup> during the production of the raw materials nor during the manufacture of the above mentioned **Mitsubishi Chemical Advanced Materials 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, Mitsubishi Chemical Advanced Materials does not systematically check their absence in its stock shapes by testing.

However, type tests carried out by an accredited independent laboratory on the **Mitsubishi Chemical Advanced Materials 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 **Mitsubishi Chemical Advanced Materials 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 **Mitsubishi Chemical Advanced Materials 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.

**Duratron®**, **Fluorosint®**, **Ketron®**, **Semitron®** and **Techtron®** are registered trademarks of the **Mitsubishi Chemical Advanced Materials Group**.

**Sultron™** is a trademark of the **Mitsubishi Chemical Advanced Materials Group**.

This document and any data and specifications presented on our website shall provide promotional and general information about the Engineering Plastic Products (the "Products") manufactured and offered by Mitsubishi Chemical Advanced Materials and shall serve as a preliminary guide. All data and descriptions relating to the Products are of an indicative nature only. Neither this brochure nor any data and specifications presented on our website shall create or be implied to create any legal or contractual obligation.

Any illustration of the possible fields of application of the Products shall merely demonstrate the potential of these Products, but any such description does not constitute any kind of covenant whatsoever. Irrespective of any tests that Mitsubishi Chemical Advanced Materials may have carried out with respect to any Product, Mitsubishi Chemical Advanced Materials does not possess expertise in evaluating the suitability of its materials or Products for use in specific applications or products manufactured or offered by the customer respectively. The choice of the most suitable plastics material depends on available chemical resistance data and practical experience, but often preliminary testing of the finished plastics part under actual service conditions (right chemical, concentration, temperature and contact time, as well as other conditions) is required to assess its final suitability for the given application. It thus remains the customer's sole responsibility to test and assess the suitability and compatibility of Mitsubishi Chemical Advanced Materials' Products for its intended applications, processes and uses, and to choose those Products which according to its assessment meet the requirements applicable to the specific use of the finished product. The customer undertakes all liability in respect of the application, processing or use of the aforementioned information or product, or any consequence thereof, and shall verify its quality and other properties.