

## ABSENCE DECLARATION (RoHS)

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Version 2.0

Products: the **Mitsubishi Chemical Advanced Materials stock shapes** mentioned below:

Ketron® 1000 PEEK Food Grade natural and black	Ketron® TX PEEK Food Grade
Ketron® MD PEEK Food Grade	Ketron® VMX PEEK Food Grade
Techtron® HPV PPS Food Grade	
Ertalon® 6 SA PA6 Food Grade natural	Ertalon® 66 SA PA66 Food Grade natural
Ertalon® 6 PLA PA6 Food Grade natural	
Nylatron® MD PA6 Food Grade light blue	Nylatron® VMX PA6 Food Grade
Ertacetal® C POM-C Food Grade natural, black (90) and blue 50	Ertacetal® POM-C C/3WF natural
Acetron® MD POM-C Food Grade	Acetron® VMX POM-C Food Grade
Ertalyte® PET-P Food Grade natural, black and blue 50	Ertalyte® TX PET-P Food Grade
TIVAR® 1000 UHMW-PE Food Grade natural and colours (blue, green, red, yellow)	
TIVAR® 1000 antistatic UHMW-PE Food Grade	TIVAR® DS Food UHMW-PE Grade yellow
TIVAR® Cestidur UHMW-PE Food Grade	TIVAR® H.O.T. UHMW-PE Food Grade
TIVAR® CleanStat UHMW-PE Food Grade black	TIVAR® 1000 ASTL UHMW-PE Food Grade
TIVAR® 1000 EC UHMW-PE Food Grade	TIVAR® HPV UHMW-PE Food Grade
TIVAR® MD UHMW-PE Food Grade blue	TIVAR® VMX UHMW-PE Food Grade
PE 500 Food Grade natural and colours (blue, green, red, red-brown, yellow)	

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) 2021/884, 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 45 mg/kg (ppm), with the exception of **TIVAR MD Food Grade UHMW-PE**.

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).

**TIVAR MD Food Grade UHMW-PE** and **TIVAR VMX Food Grade UHMW-PE stock shapes** contain chromium in a concentration above 45 mg/kg, however the content of Cr(VI) is below the detection limit of 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.

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