

High Performance Plastics for Food, Medical & Pharma Industries



Product Safety & Consumer Protection require Highest Quality of Production Components

World population and life expectancy are increasing and requiring reliable, fast and safe delivery of food and pharmaceutical products worldwide. The medical, food & pharma industries are therefore confronted with more complex specifications on the equipment and components involved in production.

Certification of materials in accordance with current industry standards and applicable legislation is as important as full traceability and GMP conform production in the manufacturing plants.



Mitsubishi Chemical Advanced Materials offers the world's most comprehensive portfolio of engineering and high performance plastics to meet these demanding requirements. The design engineer can choose from a wide range of materials which at the same time meet the needs of the medical, food and pharmaceutical industry:

- Food Regulation EU 10/2011
[Mitsubishi Chemical Advanced Materials Food Grades]
- FDA Regulation 21CFR177*
- Biocompatibility USP Class VI and ISO 10993
- GMP [Good Manufacturing Practice]



What are your benefits?

- One material for all industries
- Biocompatibility certified and Food approved stock shapes (each product comes with full documentation and certificates)
- Confidence in materials during approval process
- Full traceability of production and supply chain (every product is labelled with a unique batch number referring to resin and manufacturing route)
- Separate packaging and special labelling
- Consistent quality: biocompatibility and physical properties guaranteed
- Mitsubishi Chemical Advanced Materials design and technical support from concept through machining

Currently available Portfolio

MCAM Brand	Color	Chemical Family	Geometry	MCAM Food Grade EC 10/2011	FDA*	USP VI / EN 10993
Ketron® LSG PEEK	Natural	PEEK	Plate, Rod	+	+	+
Ketron® LSG PEEK	Black	PEEK	Plate, Rod	+	+	+
Ketron® LSG PEEK	Red, Green, Blue	PEEK	Plate, Rod	IT	IT	+
Sultron™ LSG PPSU	Natural	PPSU	Plate, Rod	NT	+	+
Sultron™ LSG PPSU	Black	PPSU	Plate, Rod	+	+	+
Proteus® LSG H PP	Natural	PP-H	Plate	IT	+	+
Proteus® LSG H PP HP	Natural	PP-H	Plate	IT	+	+

+ = tested and passed
IT = in testing process
NT = not tested yet

* = FDA statements are based on the composition of the raw materials used.

NOTE:

If you require LSG and/or Food Grade compliance please clearly specify this in your order!

Mitsubishi Chemical Advanced Materials

Europe

Mitsubishi Chemical Advanced Materials Europe NV
Galgenveldstraat 12
8700 Tielt, Belgium
T +32[0] 51 42 35 11
F +32[0] 51 42 33 10
contact@mcam.com

North America

Mitsubishi Chemical Advanced Materials Inc.
2120 Fairmont Avenue
PO Box 14235 - Reading, PA 19612-4235
T 800 366 0300 | +1 610 320 6600
F 800 366 0301 | +1 610 320 6638
contact@mcam.com

Asia-Pacific

Mitsubishi Chemical Advanced Materials Asia Pacific Ltd.
Unit 7B, 35/F, Cable TV Tower,
9 Hoi Shing Road, Tsuen Wan, Hong Kong
T +852 2470 26 83
F +852 2478 99 66
contact@mcam.com

All statements, technical information and recommendations contained in this publication are presented in good faith and are, as a rule, based upon tests and such tests are believed to be reliable and practical field experience. The reader, however, is cautioned that Mitsubishi Chemical Advanced Materials does not guarantee the accuracy or completeness of this information and it is the customer's responsibility to determine the suitability of the products of Mitsubishi Chemical Advanced Materials in any given application.

The products of Mitsubishi Chemical Advanced Materials should not be used for applications involving medical devices that are intended to remain implanted in the human body continuously for a period exceeding 24 hours (30 days*), or are intended to remain in contact with internal human tissue or bodily fluids for more than 24 hours (30 days*), or as critical components of medical devices that are essential to the continuation of human life.

*: „30 days“ applies to Ketron® PEEK-CLASSIXTM LSG white only.

Mitsubishi Chemical Advanced Materials is not a medical device manufacturer and the information herein does not constitute any express or implied warranties or representations whatsoever, including, but not limited to, all warranties provided for by any applicable law, any implied warranty of merchantability, of fitness for a particular purpose, any warranty against hidden defects or redhibitory defects or vices, or that the products of Mitsubishi Chemical Advanced Materials are manufactured in accordance with the quality standards appropriate and necessary for materials intended for use in implantable medical device applications and in applications that are essential to the restoration of or continuation of a bodily function important to the continuation of human life.

Ketron®, Sultron™ and Proteus® are registered trademarks of the Mitsubishi Chemical Advanced Materials group.

mcam.com

Follow us



@MCAMconnect

