

1. Supplier



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2. Product description		
Commercial product name:	Ketron [®] LSG PEEK	
These products are 'articles' ac	cording to the Regulation (EC) No 1907/2006 (REACH).	
Material characterization:	Polyetheretherketone [PEEK]	
3. Product characteristics		
Form:	semi-finished products (round rods, plates) / finished parts machined from sen finished products	
Colour:	natural (brownish grey) / black / green / blue / red	en / blue / red Test methods
Odour:	odourless	
Density:	1.31 g/cm ³	ISO 1183-1
Melting temperature:	340 °C	ISO 11357-1/-3
Glass transition temperature:	- Values for this property are only given here for amorphous materia	ISO 11357-1/-2 als and not for semi-crystalline ones.
Thermal decomposition:	> 400 °C	
Self-ignition temperature:	595 °C	ASTM D 1929
Solubility in water:	insoluble	
4. Handling and storage		
Machining:	During machining of the semi-finished products, ev slipping or tripping hazard and observe the maximu dust and formaldehyde levels on the workplace whi Wear safety goggles during machining.	im allowable concentration of
Storage:	The products shall be stored indoors in a normal er 30 - 70% RH) and kept away from any source of de UV-lamps, chemicals (direct or indirect contact), ior Dimensional changes (camber, warpage, shrinkage as slight colour shifts of the external surfaces can of does generally not pose a problem in case of semi- surface-layer is mostly removed anyway upon mac parts.	egradation such as sunlight, hising radiation, flames, etc. e) of the products as well occur with time. The latter finished products since the
Safety measures:	Standard industrial safety recommendations shall b Temperatures above the melting temperature shall	

Please also note the disclaimer on page 3 of this document.

PRODUCT HANDLING INFORMATION SHEET

Ketron[®] LSG PEEK



5.	Fire-fighting measures			
	Suitable extinguishing media:	Water, foam, dry chemical, CO2. Adapted to the nature and extend of fire.		
	Hazardous decomposition proc	daus decomposition products:		
		The main products formed in case of overheating and combustion are carbon monoxide and carbon dioxide. Formation of further hazardous decomposition products depends upon the fire conditions and cannot be excluded.		
	Special protective equipment:	Firemen should wear self-contained breathing apparatus and protective clothing to prevent contact with skin and/or eyes. If exposed to combustion fumes in a high concentration, bring the victim into fresh air. If molten material contacts skin, cool rapidly with cold water and obtain medical attention for removal of adhering material and treatment of the burn.		
6.	Disposal considerations			
		 Ste Catalogue and Hazardous Waste List', uncontaminated waste from the urdous. The following six-digit codes can be used: 07 02 13 waste plastic from the manufacture, formulation, supply and use of plastics 12 01 05 plastic shavings and turnings 16 01 19 plastic, from end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance 17 02 03 plastic construction and demolition wastes 20 01 39 plastics from municipal wastes (household waste and similar commercial, industrial and institutional wastes) When recycling is not feasible, waste disposal by incineration or landfill can be applied. Disposal methods shall conform to local or other government regulations. The products do not contain cadmium pigments or cadmium stabilisers. They are not biologically degradable, but based on the present state of knowledge no negative effects on the environment may be anticipated. 		
7.	7. Marking and transport information			
	Classification and labelling:	Hazard warning labelling in accordance with relevant EC-Directives is not required.		
	International transport regulati	ons: Not applicable		
8.	Other information			
	Consult the Mitsubishi Chemical Advanced Materials website for the latest information on the Mitsubishi Chemical Advanced Materials products (product data sheets, delivery programme, machining instructions, chemical resistance, regulatory information) as well as for our statements concerning the European Regulation (EC) No 1907/2006 (REACH).			

Ketron[®] is a registered trademark of the Mitsubishi Chemical Advanced Materials Group. CLASSIX™ PEEK is a trademark of Invibio Ltd.

Please also note the disclaimer on page 3 of this document.

Mitsubishi Chemical Advanced Materials



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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.

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