



1. Producer / supplie

PRODUCT HANDLING INFORMATION SHEET

•••	Producer / supplier			
		Mitsubishi Chemical Advanced Materials I.P. Noord – Galgenveldstraat 12 B – 8700 Tielt Tel.: +32/(0)51/42 35 11 Fax: +32/(0)51/42 33 00		
2.	Product description			
	Commercial product name: These products are ' articles ' acc	e: Semitron [®] HPV PEEK according to the Regulation (EC) No 1907/2006 (REACH).		
	Material characterization:	Polyetheretherketone + carbon fibres + PTFE + graphite [PEEK-(CF+CD+PTFE)]		
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3.	3. Product characteristics			
	Form:	semi-finished products (round rods, plates, tubes) / fi from semi-finished products	inished parts machined	
	Colour:	black	-	
	Odour:	odourless	Test methods	
	Density:	1.45 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 materials	ISO 11357-1/-2 s 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, evac slipping or tripping hazard and observe the maximum dust levels on the workplace which apply in your cou during machining.	n allowable concentration of	
	Storage:	The products shall be stored indoors in a normal env 30 - 70% RH) and kept away from any source of deg UV-lamps, chemicals (direct or indirect contact), ionis Dimensional changes (camber, warpage, shrinkage as slight colour shifts of the external surfaces can oc does generally not pose a problem in case of semi-fi surface-layer is mostly removed anyway upon maching parts.	radation such as sunlight, sing radiation, flames, etc.) of the products as well cur with time. The latter nished products since the	
	Safety measures:	Standard industrial safety recommendations shall be Temperatures above the glass transition temperature		

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5. Fire-fighting measures			
Suitable extinguishing media:	Water, foam, CO2. Adapted to the nature and extend of fire.		
Hazardous decomposition pro	Hazardous decomposition products:		
	The main products formed in case of overheating and combustion are carbon monoxide, carbon dioxide, fluorinated hydrocarbons and hydrofluoric acid. 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			
According to the 'European Was products is not classified as haza	 Ste Catalogue and Hazardous Waste List', uncontaminated waste from the ardous. 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) 		
Waste disposal:	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. Marking and transport information			
Classification and labelling:	Hazard warning labelling in accordance with relevant EC-Directives is not required.		
International transport regulat	ions: Not applicable		
8. Other information			
Consult the Mitsubishi website for the latest information on the Mitsubishi Chemical Advanced Material 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).			

Semitron® is a registered trademark of Mitsubishi Chemical Advanced Materials.

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