PRODUCT HANDLING INFORMATION SHEET





1. Producer / supplier

Mitsubishi Chemical Advanced Materials I.P. Noord – Galgenveldstraat 12

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2. Product description

<u> </u>	Product description			
	Commercial product name: These products are 'articles' ac	Ertalon [®] 6 PLA PA6 cording to the Regulation (EC) No 1907/2006 (REACH	ł).	
	Material characterization:	cast polyamide 6 [PA 6]		
3.	Product characteristics			
	Form:	semi-finished products (round rods, sheets, plates, profiles) / finished parts machined from semi-finished products		
	Colour:	natural (ivory) / black / blue	To do no do	
	Odour:	odourless	Test methods	
	Density:	1.15 g/cm ³	ISO 1183-1	
	Melting temperature:	215 °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:	> 350 °C		
	Self-ignition temperature:	> 400 °C	ASTM D 1929	
	Solubility in water:	insoluble		
4.	Handling and storage			
	Machining:	During machining of the semi-finished products, evan slipping or tripping hazard and observe the maximun 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 machin parts. The properties of materials which are prone to water polyamides, may change significantly with storage tin absorbed from the environment (this effect depends size of the products, the relative humidity and tempe and the time). However, this water absorption pheno one, the original material properties can if necessary them.	pradation such as sunlight, sing radiation, flames, etc.) of the products as well cur with time. The latter nished products since the ining them into finished absorption, e.g. me as a result of water very much on shape and rature of the environment menon being a reversible	
	Safety measures:	Standard industrial safety recommendations shall be Temperatures above the melting temperature shall b		

Please also note the disclaimer on page 2 of this document.

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Ertalon[®] 6 PLA PA6



Suitable extinguishing media:	Water, foam, dry chemical, CO_2 . Adapted to the nature and extend of fire.			
Hazardous decomposition pro	azardous decomposition products:			
	The main products formed in case of overheating and combustion carbon monoxide, carbon dioxide, nitrogen oxide (NOx) and traces of hydrogen cyanide and ammonia. Formation of further hazardous decomposition produc depends upon the fire conditions and cannot be excluded.			
Special protective equipment:	Firemen should wear self-contained breathing apparatus and protective cle to prevent contact with skin and/or eyes. If exposed to combustion fumes high concentration, bring the victim into fresh air. If molten material contact skin, cool rapidly with cold water and obtain medical attention for removal adhering material and treatment of the burn.			
Disposal considerations				
		e and Hazardous Waste List', uncontaminated waste from the ollowing six-digit codes can be used: waste plastic from the manufacture, formulation, supply and u of plastics		
	12 01 05 16 01 19	plastic shavings and turnings plastic, from end-of-life vehicles from different means transport (including off-road machinery) and wastes fro dismantling of end-of-life vehicles and vehicle maintenance		
	17 02 03 20 01 39	plastic construction and demolition wastes plastics from municipal wastes (household waste and simi commercial, industrial and institutional wastes)		
Waste disposal:	When recycling is not feasible, waste disposal by incineration or landfill ca applied. Disposal methods shall conform to local or other government regulations. The products do not contain cadmium pigments or cadmium stabilisers. T are not biologically degradable, but based on the present state of knowled negative effects on the environment may be anticipated.			
Marking and transport inf	formation			
Classification and labelling:	Hazard warning labelling in accordance with relevant EC-Directives is not required.			
International transport regulat	ions: Not applical	ble		
Other information				
(product data sheets, delivery pro-	ogramme, ma	nformation on the Mitsubishi Chemical Advanced Material produ achining instructions, chemical resistance, regulatory informatio European Regulation (EC) No 1907/2006 (REACH).		

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

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