

Product Handling Information Sheet

Polystone[®] M Flametech AST black

1. Company				
Name/Address	Röchling Industrial SE & Co. KG Röchlingstr. 1 • 49733 Haren (Ems)/Germany (DE) • Tel. +49 5934 701-0 info@roechling-plastics.com • www.roechling.com/industrial/haren			
2. Product details				
Product/Article	Technical semi-finished product or machined part			
Abbreviated terms	PE-UHMW / PE 1000			
Material Characterisation	Semi crystalline plastic			
Main Components	 polyethylene possibly olefin-copolymerisate stabiliser additives 			
Components Subject to labelling	none			
Classification according to REACh	Article			
Notes	-			
3. Product characteristics				
Form/State	• firm			
Color	black			
Odour	nearly odourless			
Density	>0,99			

Density	>0,99		
Melting range	130 135		
Glass transition temperature	-		
Thermal decomposition	> 390°C		



Röchling

3. Product characteristics		
Flash point	-	
Ignition temperature	> 350°C	
Notes	-	

4. Danger warnings	
Special Risks For Mankind And Environment	
Notes	-
5. Handling and Storage	
Handling	 Product can be worked with conventional machines and tools. Before machining the product should have room temperature and/or to be stored for min. 24h under normal climatic conditions.
Storage	 horizontally dry protected against frost protected against climatic influences
Safety measures	
Shelf Life	
Notes	
6. Transport	
Transport	 Non dangerous goods according to the transport regulations. Secure against slipping.

	 Secure against s 	sipping.	
Finished Product Packing	-		
Notes	-		

7. Fire – fighting measures



Print: 11/07/2025 • Release: 20/09/2023 • Version: 2.0 PIM-Version: 844 • PIM-ID: 591137 • PIM-Code: 844-29



Suitable extinguishing agents	• water				
	• foam				
	• CO ₂				
	 dry powder extinguishing agents 				
Potential combustion products	• CO				
	• CO ₂				
Necessary protection equipment	Complete protection equipment for fire-brigade.				
Notes	Molten product has to be cooled with water. Fireresidues must be collected and disposed according to the local instructions.				

8. Removal	
Recyclability	Check possibility of recycling.
EC Waste Catalog	The product is classified in accordance with the European-Waste Catalogue (EWC) as "not dangerous".
Waste Removal	Has to be conveyed to a suitable dumping site or combustion plant in accordance with local regulations.
EC Waste Code	 12 01 05 plastics shavings and turnings 20 01 39 plastics
Notes	-

9. Marking and Guidelines						
Marking in accordance with Guideline	EEC	no labelling r	required			
Notes		-				

10. Information about REACh	
Information about REACh	According to EC directive 1907/2006/EC (REACh), Article 3, no.3 our products are clearly defined as articles, exempt from registration. The EU regulation about chemicals no. 1907/2006 (REACh), which came into force 01 st of June 2007, prescribes Material Safety Data Sheets only for dangerous substances and preparations. According to REACh we are manufacturing articles and, therefore, not required to issue safety sheets.

11. Other Information



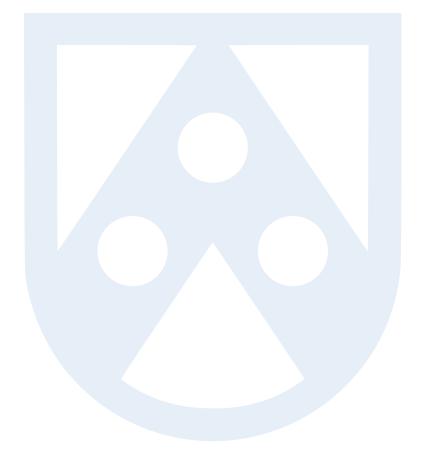
Print: 11/07/2025 • Release: 20/09/2023 • Version: 2.0 PIM-Version: 844 • PIM-ID: 591137 • PIM-Code: 844-29



Industrial

Other Information

The information in this document are based on our today's knowledge and represent no affirmation of characteristics.Existing laws and regulations are to be observed by the user of our product within his own responsibility.





Print: 11/07/2025 • Release: 20/09/2023 • Version: 2.0 PIM-Version: 844 • PIM-ID: 591137 • PIM-Code: 844-29