

## **Product Handling Information Sheet**

\_

> 390°C

## Matrox<sup>®</sup> U 110 green

1. Company						
Name/Address		<b>Röchling Industrial SE &amp; Co. KG</b> 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		<ul> <li>polyethylene</li> <li>possibly olefin-copolymerisate</li> <li>stabiliser</li> <li>additives</li> </ul>				
Components Subject to labe	elling	none				
Classification according to	REACh	Article				
Notes		-				
3. Product characteristics						
Form/State		• firm				
Color		green				
Odour		nearly odourless				
Density		>0,93				
Melting range		130 135				



Print: 03/05/2024 • Release: 26/02/2024 • Version: 2.0 PIM-Version: 438 • PIM-ID: 591148 • PIM-Code: 438-5

Glass transition temperature

Thermal decomposition

# Röchling

3. Product characteristics				
Flash point	≈ 340°C			
Ignition temperature	> 350°C			
Notes	-			

4. Danger warnings	
Special Risks For Mankind And T Environment	he none
Notes	-
5. Handling and Storage	
Handling	<ul> <li>Product can be worked with conventional machines and tools.</li> <li>Before machining the product should have room temperature and/or to be stored for min. 24h under normal climatic conditions.</li> </ul>
Storage	<ul> <li>horizontally</li> <li>dry</li> <li>protected against frost</li> <li>protected against climatic influences</li> </ul>
Safety measures	
Shelf Life	-
Notes	_
6. Transport	
Transport	<ul> <li>Non dangerous goods according to the transport regulations.</li> <li>Secure against slipping.</li> </ul>
Finished Product Packing	-
Notes	-

#### 7. Fire – fighting measures



Print: 03/05/2024 • Release: 26/02/2024 • Version: 2.0 PIM-Version: 438 • PIM-ID: 591148 • PIM-Code: 438-5



Suitable extinguishing agents	• water
	• foam
	• CO <sub>2</sub>
	<ul> <li>dry powder extinguishing agents</li> </ul>
Potential combustion products	• CO
	• CO <sub>2</sub>
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	<ul> <li>12 01 05 plastics shavings and turnings</li> <li>20 01 39 plastics</li> </ul>
Notes	-

9. Marking and Guidelines						
Marking in accordance with Guideline	EEC	no labelling ı	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



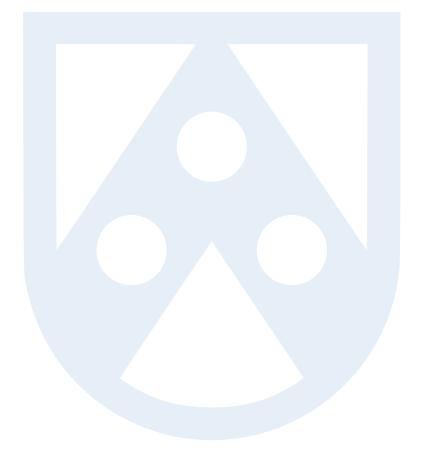
Print: 03/05/2024 • Release: 26/02/2024 • Version: 2.0 PIM-Version: 438 • PIM-ID: 591148 • PIM-Code: 438-5



### 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: 03/05/2024 • Release: 26/02/2024 • Version: 2.0 PIM-Version: 438 • PIM-ID: 591148 • PIM-Code: 438-5