Industrial

## **Product Handling Information Sheet** Polystone<sup>®</sup> D PIR black

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-HD / PE 500			
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 labelling	none			
Classification according to REACh	Article			
Notes	This product is a post-industrial-recycled product, see chapter 11			

3. Product characteristics		
Form/State	• firm	
Color	black	
Odour	nearly odourless	
Density	>0,95	
Melting range	130 135	
Glass transition temperature	-	
Thermal decomposition	-	



## Röchling

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

Special Risks For Mankind And Th Environment	ne none				
Notes					
5. Handling and Storage					
Handling	<ul> <li>Product can be worked with conventional machines and tools.</li> <li>With a very high tool wear to be expected.</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





Suitable extinguishing agents	• water
	• foam
	• CO <sub>2</sub>
	<ul> <li>dry powder extinguishing agents</li> </ul>
Potential combustion products	• CO <sub>2</sub>
	• CO <sup>2</sup>
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 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



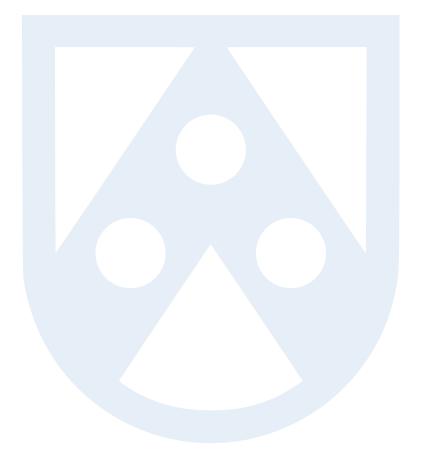
Print: 21/02/2025 • Release: 20/01/2025 • Version: 4.0 PIM-Version: 181 • PIM-ID: 773564 • PIM-Code: 181-15



## Industrial

Other Information

Post-industrial recycled materials are materials that accumulate as waste for recovery during the manufacturing process and are reused as material through recycling. This does not refer to materials that can be directly reused in the same process without recycling. 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: 21/02/2025 • Release: 20/01/2025 • Version: 4.0 PIM-Version: 181 • PIM-ID: 773564 • PIM-Code: 181-15