

Industrial

## **Product Handling Information Sheet** Polystone<sup>®</sup> G B 100 BIO (mb) 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 100)				
Material Characterisation	Semi crystalline plastic (PE 100)				
Main Components	<ul><li> polyethylene</li><li> stabiliser</li><li> additives</li></ul>				
Components Subject to labelling	none				
Classification according to REACh	Article				
Notes	This product is a mass-balanced and bio-based product. See chapter 11.				

3. Product characteristics		
Form/State	• firm	
Color	black	
Odour	nearly odourless	
Density	>0,96	
Melting range	130 135	
Glass transition temperature		
Thermal decomposition	> 390°C	
Flash point	≈ 340°C	



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## Röchling

3. Product characteristics		
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>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	-



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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
	• 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 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



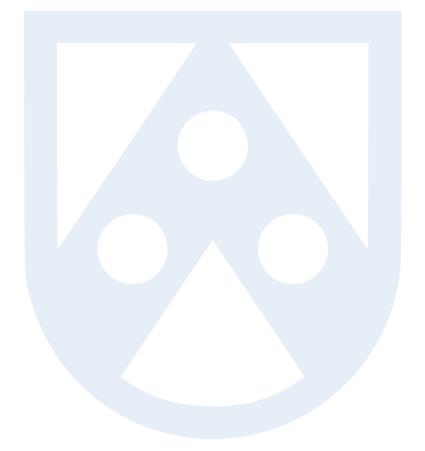
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Other Information

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. Bio-based product (article) - The product (article) loses its biobased status if the purchasing company is not certified according to ISCC-Plus.





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