# Röchling

Industrial

#### Product Handling Information Sheet SustaPEEK GLD 160 natural

1. Company		
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2. Product details		
Product/Article	Engineering semi-finished product	
Abbreviated terms	PEEK	
Material Characterisation	Thermoplastic	
Main Components	<ul> <li>polyetheretherketone</li> <li>contains evtl. colour pigments</li> <li>solid lubricant</li> <li>pTFE</li> </ul>	
Components Subject to labelling	none	
Classification according to REACh	Article	
Notes	-	
3. Product characteristics		
Form/State	• solid	
Color	natural	
Odour	• odourless	
Density	1,41	
Melting range	343	
Glass transition temperature	-	
Thermal decomposition	>500°C	



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3. Product characteristics	
Flash point	-
Ignition temperature	>575°C
Notes	-

4. Danger warnings			
Special Risks For Mankind And The Environment	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 climatic influences</li> </ul>		
Safety measures			
Shelf Life			
Notes			

6. Transport	
Transport	<ul> <li>Not classified as hazardous good under transport regulations.</li> </ul>
Finished Product Packing	-
Notes	-

7. Fire – fighting measures





Suitable extinguishing agents	• water	
	• foam	
	<ul> <li>dry extinguishing media</li> </ul>	
	• CO <sub>2</sub>	
Potential combustion products	carbon monoxide	
	tetrafluoroethene	
	hexafluoropropene	
	fluorid compound	
Necessary protection equipment	• Fire fighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.	
Notes	Molten product should be cooled by water spray. Dispose fire debris and contaminated extinguishing water in accordance with local regulations.	

Check possibility of recycling.	
According the European waste catalogue (EAK) the product is not classified as hazardous.	
Waste disposal by landfill or incineration in compliance with state and local regulations.	
<ul> <li>12 01 05 plastics shavings and turnings</li> <li>07 02 13 waste plastic</li> </ul>	

9. Marking and Guidelines		
Marking in accordance with EEC Guideline	not subject to labelling	
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.

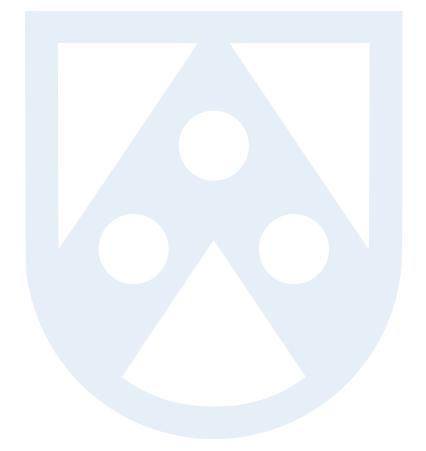


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#### 11. Other Information

Other Information

All above mentioned information are based on our current state of knowledge and ensure no warranty of quality. Existing laws and regulations have to be observed by the recepient of our products on his own authority.





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