Industrial

Product Handling Information Sheet Polystone[®] DR 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-HD / PE 500				
Material Characterisation		Semi crystalline plastic				
Main Components		 polyethylene possibly olefin-copolymerisate stabiliser additives 				
Components Subject to labelling		none				
Classification according to REAC	Ch	Article				
Notes		-				
3. Product characteristics						
Form/State		- firm				
		• firm				
Color		black				
Odour		nearly odourless				
Density		>0,96				

130 ... 135

_



Melting range

Glass transition temperature

Röchling

Industrial

3. Product characteristics		
Thermal decomposition	> 390°C	
Flash point	≈ 340°C	
Ignition temperature	> 350°C	
Notes	-	

4. Danger warnings		
Special Risks For Mankind A Environment	nd The	none
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		-

6. Transport	
Transport	Non dangerous goods according to the transport regulations.Secure against slipping.
Finished Product Packing	-
Notes	

7. Fire – fighting measures



Print: 12/06/2025 • Release: 20/09/2023 PIM-Version: 809 • PIM-ID: 591213 • PIM-Code: 809-32



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 turnings20 01 39 plastics				
Notes	-				

9. Marking and Guidelines						
Marking in accordance with EE	EC Guideline	no labelling re	equired			
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



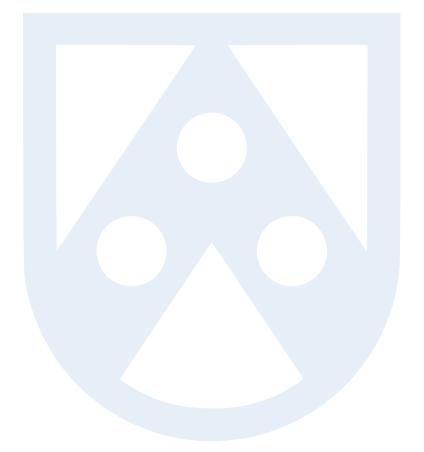
Print: 12/06/2025 • Release: 20/09/2023 PIM-Version: 809 • PIM-ID: 591213 • PIM-Code: 809-32



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: 12/06/2025 • Release: 20/09/2023 PIM-Version: 809 • PIM-ID: 591213 • PIM-Code: 809-32