

# Technical data sheet

2829 siaron y



MKP person responsible:	Thomas Tauber
Status:	Ok
Approval:	16.09.2015

<b>Classification</b>	Public series
Product type:	Coated abrasives
Main application area:	Metal

<b>Product profile</b>	
Grit type:	Zirconia alumina
Grit range (total):	24; 36-120
Backing:	x-wt cloth
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

<b>Properties</b>		<b>Technology</b>
Cut:	7 - high	
Lifetime:	7 - long	
Finishing:	7 - good	
Flexibility:	2 - very rigid	
Contact pressure:	8 - strong	

<b>Advantages</b>	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none"><li>- Backing with very high stability and rigidity</li><li>- Active additives with a cooling effect greatly reduce discolouration</li><li>- Suitable for general use in dry and wet sanding applications</li></ul>
Panels:	

<b>Applications</b>	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none"><li>- Weld preparation</li><li>- Removing discolouration</li><li>- Sanding down</li><li>- Surface treatment</li><li>- Deburring</li><li>- Blending</li></ul>
Panels:	

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Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	Non-alloy / low-alloy steels Non-ferrous metals	<ul style="list-style-type: none"> <li>● Unalloyed / low-alloy steel</li> <li>● Non-ferrous metal</li> </ul>
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- Cloth rolls</li> <li>- jumbolino</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- Various strips</li> </ul>
	Discs	<ul style="list-style-type: none"> <li>- Self-adhesive discs</li> </ul>
	Belts	<ul style="list-style-type: none"> <li>- Wide belts (width: from 400 mm)</li> <li>- Hand sanding belts and sleeves (width: 30-390 mm/length: up to 950 mm)</li> <li>- Narrow, edge and long belts (width: 25-399 mm/length: up to 8500 mm)</li> <li>- Tongued sanding belts (width: 6-30 mm/length: up to 950 mm)</li> </ul>

Use	Superordinate group	Subgroup
	Portable machine sanding	○ Power file
	Stationary belt sanding	● Contact belt sanding
	Stationary belt sanding	○ Contact wide belt sanding
	Stationary belt sanding	○ Stroke belt sanding
	Stationary belt sanding	○ Centreless belt sanding
Cut:	Dry applicationWet sanding	

Details	
No suitability for:	- Fine sanding work on soft contact rollers
Sanding recommendation:	
Safety recommendation:	<ul style="list-style-type: none"> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> </ul>

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Communication			
Claim:	the special belt sanding series for coarse dry sanding		
Copy:	The special 2829 siaron y series is ideal for unalloyed steels and non-ferrous metals in stationary belt sanding applications and in applications involving the use of powerfile sanders. It ensures an excellent finish without sacrificing such advantages as high stock removal rates, high edge stability or tear resistance.		
Industrial Verticals:	<ul style="list-style-type: none"> <li>- Automotive</li> <li>- Railway</li> <li>- Construction and Metalwork</li> <li>- Coils and Sheet Metal</li> <li>- Shipbuilding</li> <li>- Machinery, equipment</li> <li>- Stamped and Shaped Parts</li> <li>- Tubes and Profiles</li> </ul>		
Image material:	Product Top View (PTV)	Front side: ID 1879	Reverse side: ID 4945
	Application image	Coatings & composites:	
		Wood: ID 8069	
		Metal:	
		Panels:	
	Product show:		
Macro shot:			
Packaging image:			
Product group image:			

- Main application
- Secondary application