Technical data sheet
2829 siaron y

Status:	Ok
Approval:	10.11.2021

Classification	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Rail Coils and Sheet Metal Shipbuilding Machinery, equipment Stamped and Shaped Parts Tubes and Profiles

Product profile	
Grit type:	Zirconia alumina
Grit range (total):	24; 36-40; 60-120
Backing:	X-wt cloth
Coating:	Closed
Bonding:	Resin over resin
Special coating:	
Equipment:	

Properties	**Technology**
Removal rate:	7 - high
Lifetime:	7 - long
Finishing:	7 - good
Flexibility:	2 - very rigid
Contact pressure:	8 - strong

Advantages	
General Fabrication:	- Backing with very high stability and rigidity - Active additives with a cooling effect greatly reduce discolouration - Suitable for general use in dry and wet sanding applications

Applications	
General Fabrication:	- Weld preparation - Removal of discolouration - Stock removal - Surface treatment - Deburring - Smoothing and blending of flaws

Material		
General Fabrication:	Non-ferrous metals	● Non-ferrous metal
	Steel	● Unalloyed / low-alloy steel

Conversion forms	Upper conversion	Lower conversion
	Rolls	- Cloth rolls - Jumbolino
	Strips	- Various strips
	Discs	- Self-adhesive discs
	Belts	- Wide belts (width: from 400 mm) - Hand sanding belts and sleeves (width: 30–390 mm/length: up to 950 mm) - Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm) - Tongued sanding belts (width: 6–30 mm/length: up to 950 mm)

Application	Superordinate group	Subgroup
	Portable machine sanding	Power file
	Stationary belt sanding	Contact belt sanding
	Stationary belt sanding	Contact wide belt sanding
	Stationary belt sanding	Long belt sanding
	Stationary belt sanding	Centreless belt sanding
Cut:	Dry application, Wet sanding	

Details	
No suitability for:	- Fine sanding work on soft contact rollers
Sanding recommendation:	
Safety recommendation:	Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety - Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general FEPA safety recommendations - Use eye and face protection - Use an effective dust extraction unit or wear a fine dust mask

Communication	
Claim:	The specialist in the coarse grit range for dry sanding on metals

Communication			
Copy:	The special 2829 siaron y series is especially suitable for unalloyed steels and non-ferrous metals. It ensures heat-reduced cutting with low discolouration and a high removal rate, edge stability and tear resistance.		
Image material:	Product Top View (PTV)	Front side: Rear side:	ID ID
	Application image	General Fabrication:	ID 8069
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 12292

● Main application
○ Secondary application