

Technical data sheet

2582 siaramic



Status:	Ok
Approval:	18.11.2024

Classification	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Turbines Machinery, equipment Tools Tubes and Profiles Shipbuilding

Product profile	
Grit type:	Ceramic aluminium oxide
Grit range (total):	36; 60-80; 120
Backing:	x-wt cloth, polyester 120 y-wt cloth, polyester 36 – 80
Coating:	Electrostatic
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties	Technology
Removal rate:	10 - very high
Lifetime:	10 - very long
Finishing:	8 - good
Flexibility:	1 - very rigid
Contact pressure:	8 - strong
	- Moulded grit - siaramic

Advantages	
General Fabrication:	<ul style="list-style-type: none">- High removal rate thanks to ceramic grit- Long lifetime- Aggressive initial sanding thanks to optimised sanding grain- Increased efficiency due to measurable time-saving- Active additives with a cooling effect greatly reduce discolouration- Fast and rugged stock removal with regular surface quality- Uniform cutting performance- Minimal effort required thanks to highly aggressive abrasive grit

Applications	
General Fabrication:	<ul style="list-style-type: none">- Weld preparation- Stock removal- Deburring- Smoothing and blending of flaws






Material

General Fabrication:	<p>Non-ferrous metals</p> <p>Non-ferrous metals</p> <p>Stainless steel</p> <p>Steel</p>	<p>○ Aluminium</p> <p>○ Non-ferrous metal</p> <p>● Stainless steel (inox)</p> <p>● Unalloyed / low-alloy steel</p>
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Conversion forms

	Upper conversion	Lower conversion
	Rolls	- Cloth rolls
	Belts	<p>- Hand sanding belts and sleeves (width: 30–390 mm/length: up to 950 mm)</p> <p>- Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm)</p> <p>- Power file belts (width: 6-30 mm/length: up to 950 mm)</p>

Application

	Superordinate group	Subgroup
	Portable machine sanding	Portable belt sander
	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 (belts only)	

Details

No suitability for:	- Stone grinding
Sanding recommendation:	
Safety recommendation:	<p>Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety</p> <ul style="list-style-type: none"> - Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general EN safety recommendations - Follow the general FEPA safety recommendations - Use hearing protection - Spectacles - glove - Use eye and face protection



Communication			
Claim:	The ceramic abrasive belt for maximum performance on stainless steel and other metals		
Copy:	Thanks to the triangular shape of the ceramic grain, the strong polyester backing and the cooling agent, the 2582 siaramic abrasive belt offers the highest removal rate and longest lifetime on stainless steel and other metals.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 12477
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		

- Main application
- Secondary application