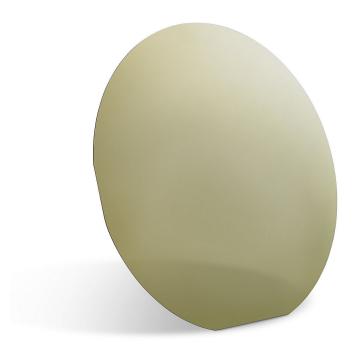
Polycrystalline Silicon Carbide Slurries

High performance slurries for scalable manufacturing of low roughness and defect-free polycrystalline silicon carbide (Poly SiC) wafers

Entegris is a market leader in polishing slurries that can achieve low surface roughness (Ra <0.5 nm) on polycrystalline silicon carbide (poly-SiC) wafers. Our optimized slurries work on poly-SiC material with different grain sizes and orientation. The advanced formulations provide a low cost of ownership for polishing poly-SiC materials in a wide range of applications from semiconductor to industrial. Our slurries are high-volume manufacturing (HVM) ready and compatible with bulk delivery systems. Custom solutions are available upon request.



Lowest surface roughness on poly-SiC wafers.

APPLICATIONS

- CMP/lapping of polycrystalline silicon carbide
- Polish all surface types (lapped or ground)

FEATURES & BENEFITS

High performance slurries	Achieve high removal rates with no sub-surface damage and excellent stability and recycling capability		
Slurry stability, clean efficiency, and film properties	Enable high-volume manufacturing scale-up and ready to be used in bulk distribution systems		
	Low cost of ownership		
Global manufacturing capabilities	Provide localized quick-turn and customized solutions		
Customer collaboration	Slurry development begins with the customer's application requirements at the forefront		
	Our applications engineers work with customers to ensure that chemistries are optimized for target parameters and process conditions		



SPECIFICATIONS

Slurry	Process step	Polishing face best optimized for	Key features	Material removal rate (MRR)
SC 3000 series	CMP/polish	poly-SiC	Lowest surface roughness Ra <0.5 nm	2 - 5 µm/hr

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the Contact Us link to find the customer service center nearest you.

TERMS AND CONDITIONS OF SALE

All purchases are subject to Entegris' Terms and Conditions of Sale. To view and print this information, visit entegris.com and select the Terms & Conditions link in the footer.



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