

Product data sheet

SioxX®-Zero

Elkem ASA Silicon Products
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Description	SioxX®- Zero is primarily designed for microsilica-gel bonded alumina based no-cement castables. It enhances the rheological properties, reduces the water demand, increases the flow, control the working and de-moulding time and helps develop high green strength.	
Applications	Tailor-made product for microsilica-gel bonded mixes and castables.	
Benefits	<ul style="list-style-type: none"> • Reproducible wet-out, flow and set-time • Improved green strength • Easy to dose • Easy to disperse in the dry and wet mix 	
Technical data	Appearance	Grey powder
	Bulk density	300 - 550 kg/m ³
	pH-value (10% solution)	9 - 10
	SiO ₂	55 - 70 %w/w
	Al ₂ O ₃	25 - 40 %w/w
	Proprietary additives	5 - 15 %w/w
	Recommended dosage	2 - 3 %w/w
Packaging	The product is available in 20 kg plastic bags, 600 kg per pallet. Please contact our sales representative for more details.	
Storage and handling	<ul style="list-style-type: none"> • Avoid dust generation • Store in original packaging (or re-seal opened packages) under dry conditions >0°C. • Shelf-life (best before) is 24 months from the date of production, if stored properly. 	
Health, safety & environment	Please consult our Product Safety information on our website: https://www.elkem.com/silicon-products/refractories/specialties/siox-specialties/pds/ .	
Sustainability	For Elkem, sustainability is central to our business strategy. Our mission is to provide advanced material solutions shaping a better and more sustainable future, adding value to our stakeholders globally. We are committed to reduction in embodied carbon emission. For further information, please visit www.elkem.com/sustainability/ or contact us to learn more about our sustainability roadmap.	
Additional information and contact	For further information, please contact our local sales representative. Our specialists will assist you in solving individual problems.	