

**SIBELCO**

# **SANBLEND<sup>®</sup>**

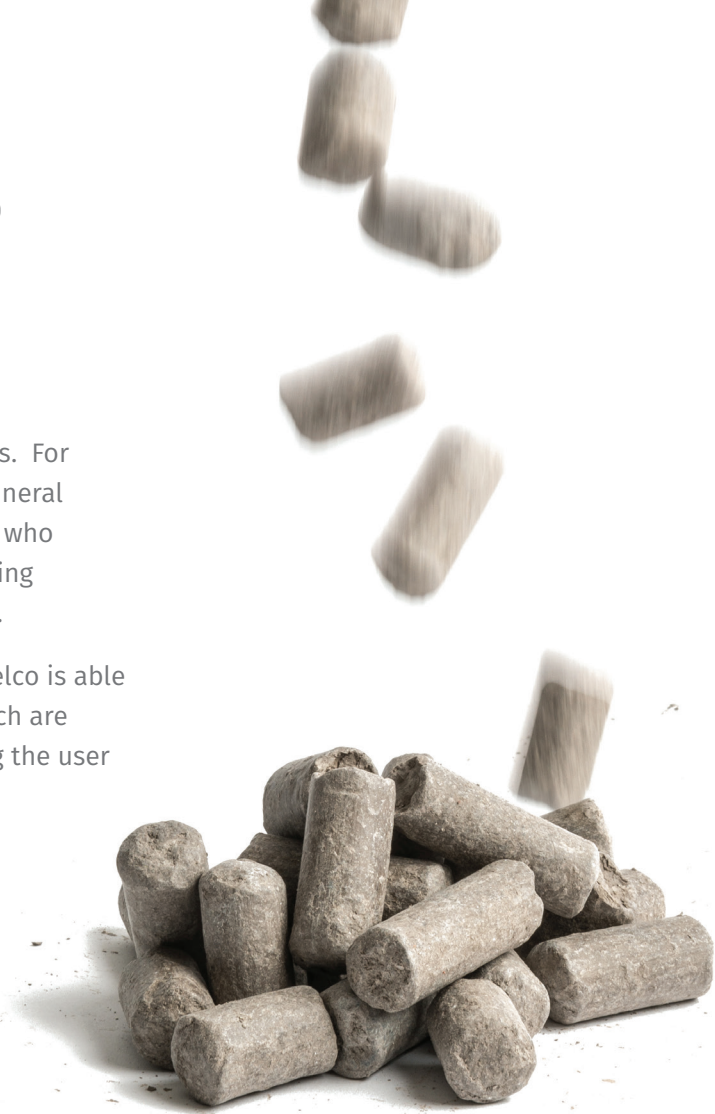
Refined and Semi-Refined Ball Clays designed  
to suit today's Sanitaryware industry's needs



# Fully tailored to your need.

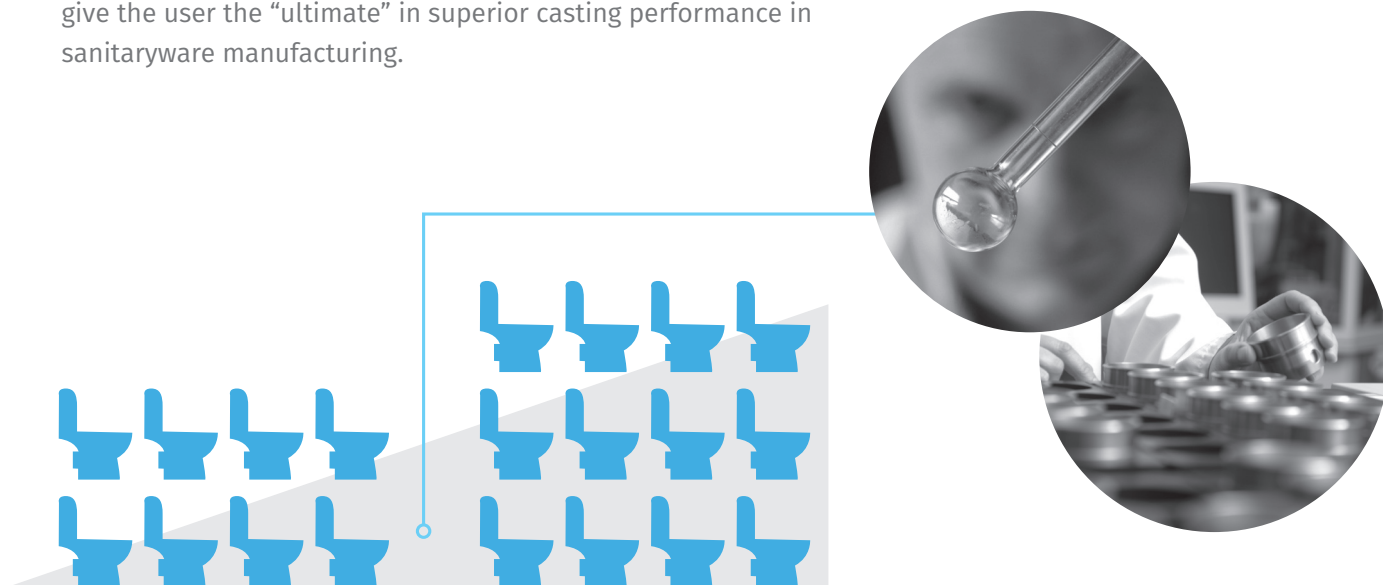
Sibelco's commitment to quality is as strong as yours. For many years, Sibelco has been supplying premium mineral products, working with customers all over the world who are focused on continually improving yields, increasing productivity and delivering market leading ceramics.

By combining technology and logistic expertise, Sibelco is able to offer a range of plastic clays for sanitaryware which are delivered at the lowest possible cost whilst enabling the user to maximize local clay use in the formulation.



# Working with you to improve yields.

The **SANBLEND®** range of plastic clays (ball clays) are carefully selected, engineered mineral products designed to give the user the "ultimate" in superior casting performance in sanitaryware manufacturing.



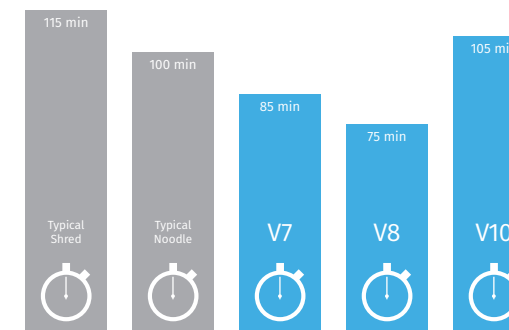
# Choose your grade. Take control.

		SANBLEND®							
		75	90	2020	GC	VR	V7	V8	V10
Advantages	Reduced Transportation & Waster Costs*	●	●	●	●	◐	○	○	○
	Easier Handling*	●	●	●	●	◐	◑	◑	◑
	Reduced Energy & Maintenance*	◐	◐	◐	◐	◐	●	●	◐
	Lower Deflocculant Requirement*	●	●	●	●	●	◑	●	◐
	Improved Casting Properties	●	●	●	●	●	◑	●	◑
	Consistency	●	●	●	●	●	●	●	●
Applications	Compatibility with Local Ball Clays	●	●	●	●	●	●	●	●
	General Purpose	●	●	●			●	●	●
	Pressure Casting		●	●	●	●		●	●
	Fine Fire Clay		●		●	●		●	

\* Over shredded clay forms

# Blunging times comparison\*.

Developed and tested specifically for sanitaryware, the **SANBLEND® V** Range is made up of three different grades, each designed for a specific cast rate. These grades can be combined to create a bespoke blend in tune with your manufacturing needs, giving you greater control over key production elements.



\* Trial results using a high speed blunger



# Add Value.

Sibelco's technical experts can work with you to tailor **SANBLEND®** to your individual needs and requirements using our Crescendo tool.

Increasing your **productivity** from Sibelco minerals.

Clays		Chemical Analysis (%)						Modulus of Rupture (Dried @110 °C pfsi)	Modulus of Rupture (Dried @110 °C Mpa)	Residue %>	Particle Size %<		SSA (m <sup>2</sup> /g)	Baroid Perm. (10 <sup>-3</sup> m <sup>2</sup> )	Defloc. Demand (%)	Moisture Content (%)	Recommended Applications		
Type	Product	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	LOI	Carbon				125 µm	2 µm					1 µm	General Purpose	Pressure Casting
Refined	SANBLEND 90	57.0	27.4	1.00	2.2	10.3	1.8	1136	7.8	0.04	74	64	20.9	7	0.2	16	●	●	●
	SANBLEND 2020	56.5	28.5	1.00	2	9.8	1.0	1100	7.6	0.01	73	63	21.9	7	0.15	16	●	●	
	SANBLEND 75	54.0	29.0	1.10	2.1	11.9	2.4	1090	7.5	0.04	78	69	21.5	7	0.19	16	●		
	SANBLEND GC	64.1	23.6	1.00	1.7	7.4	0.4	860	5.9	0.05	62	53	19.3	13.9	0.09	13.5	●		●
	SANBLEND VR	64	23.3	1.30	1.8	7.1	0.3	780	5.4	0.08	56	48	16.5	18	0.1	13.5		●	
Semi Refined	SANBLEND V7	53.8	29.5	1.10	2.2	11.5	1.9	920	6.3	0.3	80	70	22.2	7.1	0.2	17.5	●	●	
	SANBLEND V8	56.9	27.4	1.00	2.1	10.4	1.9	1080	7.4	0.4	74	64	21	8.7	0.2	18.5	●		●
	SANBLEND V10	57.6	27.2	1.10	1.8	9.9	1.2	856	5.9	0.5	66	56	18.6	17.7	0.2	15.9		●	



[www.sibelco.com](http://www.sibelco.com)



Please note: the product name Sanblend is not used in Mexico, USA or Canada. Products included in our portfolio might be (temporarily) out of stock or otherwise not available due to external circumstances. Sibelco does not assume any liability as a consequence of its promoted products not being available.

Version 5, March 2022