



SIBELCO

CERAMIC BODIES

Quality material with perspectives



Material solutions *advancing life*

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Note! Please note that all colour picture displayed in the listed tables are merely examples. Your customer contact at Sibelco will discuss with you the best mineral option for your application.

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ABOUT US

Sibelco is one of the world's leading industrial mineral companies with 120 production sites in 31 countries worldwide.


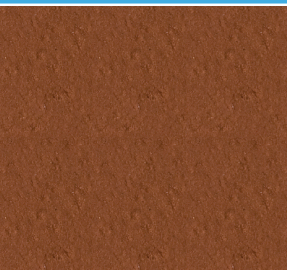
Our experience in ceramic raw materials is unparalleled. As far back as 1860 we were supplying ball clays from our famous reserves in South-East England to a growing local pottery industry. Today our products feed a fast-moving global marketplace, from sanitaryware to tiles and from tableware to construction.

All of our products are backed by the highest standards of technical support. Our network of technical and application specialists work with our customers to deliver a range of benefits including:




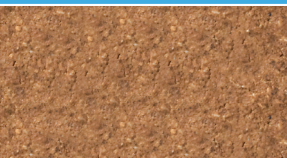

- **complete raw material evaluation**
- **ceramic formulation assessment and development**
- **improved manufacturing yields through process and formulation optimisation**
- **manufacturing fault diagnosis support**




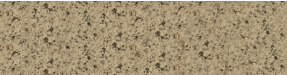

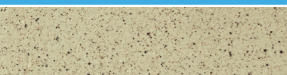

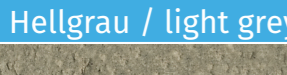


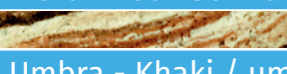
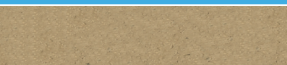
Steinzeug – plastisch / Stoneware – plastic bodies

Farbe Colour	Bezeichnung Name	Schamotte Chamotte	Brennbereich °C Firing range °C	TS % DS %	Wasseraufnahme % Water absorption %				Brennschwindung % Firing shrinkage %				Wäremausdehnungskoeffizient Thermal expansion (20-500°C)				Anmerkung Comment
					1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	
Weiß - Creme - Hellgrau / white - cream - light grey																	
	FSZ	-	1000 - 1200	5,5	6,0		0,4		3		6,5			7,4		Feinsteinzeug / vitreous stoneware	
	K 146	-	1000 - 1260	4,5			2,0	0,9			5,5			7,7		trocken / powder: SV / SZ - T	
	K 148	-	1000 - 1280	5,8			2,8	0,3			6,5			7,6			
	Paper Clay, PCLI	-	1100 - 1260													mit Konservierer / with preservative	
	SMW	-	1000 - 1300	5,5	9,0		3,5	0,5	4		6	8		6,8			
	Vitroblanc	-	1000 - 1100	6,0	0,9				7,5					6,9		trocken / powder: Vitroblanc - T, früh sinternd / low sintering	
	W	-	1000 - 1260	5,5	8,0		2		3		6			7,9		trocken / powder: W - T	
	WB 04048	-	1000 - 1280	5,0	12,0		3		4		8			6,9		trocken / powder: WB 04048 - T, sehr hell / very light	
	WM	-	1000 - 1300	5,8	8,0		2,5		3		5			7,5		trocken / powder: WM - T	
	Profiline 1502	15%, 0 - 0,2		1000 - 1320	5,0			4	0,8			7	9	6,0			
	WFSZ 2002	20%, 0 - 0,2		1000 - 1200	5,0			0,1				7,5		7,3		Feinsteinzeug / vitreous stoneware	
	WM 2502	25%, 0 - 0,2		1000 - 1300	5,5	9,0		3,0		3		5		7,2			
	KMW 4002	40%, 0 - 0,2		1000 - 1300	4,5	2,5		4,5	5,5	12		7	3,5	5,4	6,6	Raku	
	Vitroblanc 2505	25%, 0 - 0,5		1000 - 1150	5,5	3,0	1,0			6,0	7,5			6,3		früh sinternd / low sintering	
	W 2505	25%, 0 - 0,5		1000 - 1280	5	8,0		3,5		2,0		4		6,8			
	K 129	30%, 0 - 0,5		1000 - 1280	5,5			7,5	4,0			5	6	5,0		sehr weiß / very white, Raku	
	PRAF	40%, 0 - 0,5		1240 - 1300												bitte Datenblatt anfragen / please ask for technical data sheet	
	W 4005	40%, 0 - 0,5		1000 - 1280	4,8	9,0		5,5		1		3,5		6,7			
	WB 04240	40%, 0 - 0,5		1000 - 1400	4,5			13,0				4,8		4,6		Raku	
	KMW 05 / 45	45%, 0 - 0,5		1000 - 1300	4,5	10,5	8,5	5,0	5,5	2,0	2,5	4,5	3,0	6,4		Raku	
	W 2510	25%, 0 - 1,0		1000 - 1280	4,5	8,0		3,5		2		4,5		6,6			
	W 410	40%, 0 - 1,0		1000 - 1280	4	9,0		5,5	4,5	1		2,5	3,5	6,8			
	WFSZ 3015	30%, 0 - 1,5		1000 - 1200	5	7,0		0,4		3,8		5,5		6,8		Feinsteinzeug / vitreous stoneware	
	W 4015	40%, 0 - 1,5		1000 - 1280	4	9,0		5	4	1,5		3	4	6,8			
	RAKU 5015	50%, 0 - 1,5		1000 - 1280	4,5	8,0		6	3,5	2		3,5	5	7,0		Raku	
	W 4020	40%, 0 - 2,0		1000 - 1280	4	9,5		5,5	4,5	1		2,5	3,5	7			
	WB 01795	40%, 0 - 2,0		1000 - 1300	5			4,5	2			5,0	6	6,8			
	KMW 2 / 45	45%, 0 - 2,0		1000 - 1300	5,0			5,0				4,0		6,6		Raku	
	K 130	25%, 0,5 - 2,0		1000 - 1280	5,5			4				4,0		6,9			
	PRAG	40%, 1,0 - 3,0		1240 - 1300												bitte Datenblatt anfragen / please ask for technical data sheet	
Hellrot - Rot - Dunkelrot / light red - red - dark red																	
	R	-	1000 - 1200	6,0	3,0	1,5	0,3		7,0	7,5	8,0		7,8				
	R 2502	25%, 0 - 0,2	1000 - 1200	5,0	5,0		0,4		5,0		6,5		7,5				
	K 126	25%, 0 - 0,5	1000 - 1250	5,5	6,0		0,2		4,8		6,5		8,0			intensiveres Rot / more intensive red	
	R 2505	25%, 0 - 0,5	1000 - 1250	5,0	5,0		1,0		5,0		6,0		7,6				
	R 4005	40%, 0 - 0,5	1000 - 1250	5,0	7,0		4,0		3,5		5,0		7,7				
	R 2510	25%, 0 - 1,0	1000 - 1250	5,5	5,0		1,0		5,0		6,0		7,7				
	R 4010	40%, 0 - 1,0	1000 - 1260	5,0	7,0		4,0		3,8		5,0		7,5				

Steinzeug – plastisch / Stoneware – plastic bodies

Farbe Colour	Bezeichnung Name	Schamotte Chamotte	Brennbereich °C Firing range °C	TS % DS %	Wasseraufnahme % Water absorption %				Brennschwindung % Firing shrinkage %				Wäremausdehnungskoeffizient Thermal expansion (20-500°C)				Anmerkung Comment
					1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	
Hellrot - Rot - Dunkelrot / light red - red - dark red																	
	R 4015	40%, 0 - 1,5	1000 - 1260	5,0	8,0		4,0		4,0		5,0		7,5				
	R 4020	40%, 0 - 2,0	1000 - 1260	5,0	8,0		4,0		3,5		5,0		7,7				
	Terrazzo Rot 4020	40%, 0 - 2,0	1000 - 1160	5,3	5,3	2,0			5,8	8,0			7,4			früh sinternd / low sintering	
	K 132	25%, 0,5 - 2,0	1000 - 1250	5,8	10,0		4,8		4,6		4,8		7,7				
	K 133	25%, 0,5 - 2,0	1000 - 1250	5,8	9,0				4,5				7,9			intensiveres Rot / more intensive red	
Braun - Braunschwarz - Tiefschwarz / brown - black-brown - deep black																	
	S	-	1000 - 1140	5,8	1,0				7,8				8,1				
	Nigra 2002	20%, 0 - 0,2	1000 - 1240	6,8			3,0				7,0			7,2			
	S 2502	25%, 0 - 0,2	1000 - 1140	5,5	2,0	1,4			6,0	6,8			7,5				
	PRNI	40%, 0 - 0,2	1200 - 1240													bitte Datenblatt anfragen / please ask for technical data sheet	
	Nigra 2005	20%, 0 - 0,2	1000 - 1240	5,5			2,5				7,6			7,2			
	S 2505	25%, 0 - 0,5	1000 - 1140	5,5	3,0				5,0				7,3				
	PRNF	40%, 0 - 0,5	1200 - 1260													bitte Datenblatt anfragen / please ask for technical data sheet	
	S 2510	25%, 0 - 1,0	1000 - 1160	5,5	3,0	2,0			5,0	6,0			7,2				
	S 4015	40%, 0 - 1,5	1000 - 1180	5,0	6,0	5,0			3,8	4,0			7,1				
	Terra Nigra 3520	35%, 0 - 2,0	1000 - 1200	4,8	5,0	3,0	1,5		3,0	4,8	5,5			6,4		ab ca. 1190°C tief schwarz / deep black as of 1190°C	
	PRNM	40%, 0 - 1,5	1200 - 1260													bitte Datenblatt anfragen / please ask for technical data sheet	
	S 4020	40%, 0 - 2,0	1000 - 1180	5,0	6,5	4,5			4,0	4,5			7,4				
	S 2520	25%, 0,5 - 2,0	1000 - 1200	5,0	5,0	4,8	4,5		5,0	5,5	6,0		7,7				
PRNG	40%, 1,0 - 3,0	1200 - 1260													bitte Datenblatt anfragen / please ask for technical data sheet		
Creme - Mélange / cream - melange																	
	WM 3020 FS	30%, 0,5 - 2,0	1000 - 1250	5,5		6,0	3,0				3,5	8,0		6,6		schwarze Schamotte / black chamotte	
Flieder - Gelb / lilac - yellow																	
	PRGI	40%, 0 - 0,2	1240 - 1300													bitte Datenblatt anfragen / please ask for technical data sheet	
	PRGF	40%, 0 - 0,5	1240 - 1300													bitte Datenblatt anfragen / please ask for technical data sheet	
	PRGM	40%, 0 - 1,5	1240 - 1300													bitte Datenblatt anfragen / please ask for technical data sheet	
	PRLG	40%, 1,0 - 3,0	1240 - 1300													bitte Datenblatt anfragen / please ask for technical data sheet	
Aprikot - Gelb - Khaki / apricot - yellow - khaki																	
	WMB	-	1000 - 1250	6,0	5,9	3,5	1,2		4,5	5,5	6,9			7,5			
	WMSB	-	1000 - 1250	6,0		3,5	1,2			5,5	7,0			7,5		Spots	
	Ceraflam Gelb	-	1000 - 1180		7,0	5,5	1,7		4,0	4,5	6,5	3,1	2,7	3,2		temperaturwechselbeständig / temperature shock resistant	
	G 2502	25%, 0 - 0,2	1000 - 1250	7,0	7,5	4,0	1,3		3,5	4,5	7,0		6,1				
	WM 2502 B	25%, 0 - 0,2	1000 - 1280	5,8	7,0	4,4	1,5		4,0	5,0	5,5			7,2			
	WMS 2005 B	20%, 0 - 0,5	1000 - 1250	6,5	4,0		1,5	2,0	4,5		6,0	6,5		7,4		Spots	
	G 2505	25%, 0 - 0,5	1000 - 1260	5,0	9,0	4,0	3,0		4,0	4,5	4,5		6,0				
	Terrazzo Yellow 4020	40%, 0 - 2,0	1000 - 1280	6,5	8,0		4,5	4,0	3,0		4,5	5,0		6,5			

Steinzeug – plastisch / Stoneware – plastic bodies

Farbe Colour	Bezeichnung Name	Schamotte Chamotte	Brennbereich °C Firing range °C	TS % DS %	Wasseraufnahme % Water absorption %				Brennschwindung % Firing shrinkage %				Wäremausdehnungskoeffizient Thermal expansion (20-500°C)				Anmerkung Comment
					1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	
Hellblau - Taubenblau / light blue - pigeon blue																	
	Blue 4005	40%, 0 - 0,5	1000 - 1280	5,0		4,0	2,0			5,5	7,0			6,4			
	Terrazzo Blue 4020	40%, 0 - 2,0	1000 - 1280	5,8	13,0		6,0	3,0	2,0		5,0	6,0		6,5		schwarze Schamotte / black chamotte	
Altrosa - Steingrau / rose - grey with spots																	
	WMS 2002 GG	20%, 0 - 0,2	1000 - 1250	6,0	9,0		1,5		3,5		5,5			7,0		Spots	
	WMS 2005 GG	20%, 0 - 0,5	1000 - 1250	4,5		4,0	2,5			4,0	5,5			7,0		Spots	
Lachs - Terrakotta - Grau / rosé - terracotta - grey																	
	SZ RIF 4005	40%, 0 - 0,5	1000 - 1280	5,0		5,5	3,7	0,9		5,0	5,5	6,9		5,8		Mindestauftragsgröße: 5 / minimum order: 5	
	SZ RIF 4020	40%, 0 - 2,0	1000 - 1300	4,5		7,5	6,5	3,5		3,0	4,0	5,0		5,8		Mindestauftragsgröße: 5 / minimum order: 5	
Weiß - Creme / white - cream																	
	K 110	25%, 0 - 0,2	1000 - 1300	5,5	12,0		7,5	5,0	2,0		3,5	4,5		7,3		weiß mit feinen Spots / white with fine spots	
	WMS 2502	25%, 0 - 0,2	1000 - 1280	6,0	6,0		3,5	2,5	3,0		5,0	5,5		7,4		Spots	
Rosa - Gelb - Creme / rose - yellow - cream																	
	RTM 2505	25%, 0 - 0,5	1000 - 1250	6,0	5,0		1,0		4,0		6,0			6,0			
	RTM 3010	30%, 0 - 1,0	1000 - 1280	5,5	5,0		2,0		4,0		5,0			6,2			
	RTM 5015	50%, 0 - 1,5	1000 - 1280	5,0	9,0		6,0		2,0		3,5			6,3		Überschlagtechnik / stove tiles	
Hellgrau / light grey																	
	Betongrau 2002	20%, 0 - 0,2	1000 - 1250	5,8			3,2				8,3			6,8			
	Terra Grigia 4020	40%, 0 - 2,0	1000 - 1200	4,8		4,4	1,3		5,0	5,8				6,9			
Rosa - Leder / pinkish - buff																	
	SZL 2502	25%, 0 - 0,2	1000 - 1250	5,5	7,0	4,5	2,0		4,0	5,5	7,0		7,7			lederfarben / buff as of 1160 - 1200°C	
	SZL 2505	25%, 0 - 0,5	1000 - 1250	5,5	7,0	4,8	2,5		4,0	5,0	6,0		7,7			lederfarben / buff as of 1160 - 1200°C	
	RB 03926	30%, 0 - 0,5	1000 - 1250	5,5	5,3	3,2	1,5		4,0	5,5	6,5		6,3			lederfarben ca. 1250°C, mit Spots / buff as of 1250°C with spots	
	SZL 4020	40%, 0 - 2,0	1000 - 1280	5,0	10,0	7,0	4,0	2,0	2,5	3,0	5,0	6,0	7,8			lederfarben / buff as of 1160 - 1200°C	
Lachs - Terrakotta - Braun / rosé - cork - brown																	
	K 3005	30%, 0 - 0,5	1000 - 1200	6,5	7,0	4,5	2,0		4,5	5,0	6,0		6,1			Kork ca. 1040°C / corklike as of 1040°C	
	K 3010	30%, 0 - 1,0	1000 - 1200	5,5	6,0	5,8	4,0		4,0	4,0	5,0		6,1			Kork ca. 1040°C / corklike as of 1040°C	
	K 3020	30%, 0,5 - 2,0	1000 - 1200	4,5	7,0	4,5	4,0		4,0	4,5	5,0		6,2			Kork ca. 1200°C / corklike as of 1200°C	
Weiß - Rot - Schwarz / white - red - black																	
	K 120, Surprise	25%, 0 - 0,5	1000 - 1150	5,5	8,0				3,0				7,2			marmoriert / marbled	
Umbrä - Khaki / umber - khaki																	
	Terrazzo Umbrä 4020	40%, 0 - 2,0	1000 - 1280	6,0	10,0		4,0	3,0	3,0		6,0	6,5		6,5		schwarze Schamotte / black chamotte	



Steinzeug – Trockenmassen – Gießmassen / Stoneware – blended powders – casting bodies

Farbe Colour	Bezeichnung Name	Schamotte Chamotte	Brennbereich °C Firing range °C	TS % DS %	Wasseraufnahme % Water absorption %				Brennschwindung % Firing shrinkage %				Wärmeausdehnungskoeffizient Thermal expansion (20-500°C)				Anmerkung Comment
					1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	
Weiß - Creme - Hellgrau / white - cream - light grey																	
	DGM / Rapide - PO	-	1000 - 1150	2,0	7,5	1,0			7,0	9,0			7,1			Druckgussmasse / pressure casting body	
	Flameproof - PO	-	1000 - 1260	2,6		8,0				4,0			1,8		temperaturwechselbeständig / temperature shock resistant		
	GW FSZ / CL - PO	-	1000 - 1220	2,5	10,0		0,8		4,0		8,0			6,9	sehr gute Scherbenbildung / high casting rate		
	GW FSZ - PO	-	1000 - 1220	3,7		5,0	2,8			3,5	5,0			7,2	Feinsteinzeug / vitreous stoneware		
	GW SAN - PO	-	1000 - 1280	2,2			3,0	0,5			8,0	9,0		6,5	Sanitär / sanitary ware		
	GW SZ - PO	-	1000 - 1260	3,5	10,5	10,0	5,0		2,0	3,0	4,0	5,5		7,0			
	Sinter-Rapide - PO	-	1000 - 1100	4,3	1,3				5,8				7,3		früh sinternd / low sintering		
	SV / SZ - PO	-	1000 - 1260	4,5	11,0	10,0	3,5		2,0	3,0	4,5			7,7	plastisch / plastic body: K 146		
	WB 04048 - PO	-	1000 - 1280	3,0	11,1	7,5	4,5	1,5	3,5	5,5	6,8	8,0		6,8	plastisch / plastic body: WB 04048		
	WB 04144 - PO	-	1000 - 1180	4,8	5,0	1,0	0,1		6,0	7,5	8,5		7,1		Feinsteinzeug / vitreous stoneware		
	WB 04286 - PO	-	1000 - 1280	2,5	15,0	11,0	5,3	2,3	2,5	4,5	6,5	8,0		6,7	sehr hell / very light		
	GW / FFC 4502 - PO	45%, 0 - 0,2	1200 - 1250	1,6			8,8	7,0			4,3	5,0		5,6	Sanitär / sanitary ware		
Hellrot - Rot - Dunkelrot / light red - red - dark red																	
	GR SZ - PO	-	1000 - 1200	3,5	10,5	10,0	5,0		2,0	3,0	4,0			7,0			
	GR SZ / TC - PO	-	1000 - 1200	4,0	7,5				3,0				7,3				
Schwarz / black																	
	GS / Black 2002 PO	-	1000 - 1250	1,0	9		3,0		3,0		6,5		7,6	7,4			

Steinzeug – Sprühgranulat / Stoneware – spray-dried granulate

Weiß - Creme - Hellgrau / white - cream - light grey																
	FSZ / WG SY	-	1000 - 1250			3,0	1,5			6,5	7,5			7,5		
	SZ / KS SY	-	1000 - 1300					2,8				7,5			6,5	trocken / powder: SZ / KS - T, sehr hell / very light
Grau - Schwarz / grey - black																
	FSZ / DG SY	-	1000 - 1220			3,2	1,2			6,5	7,5			7,7		Feinsteinzeug / vitreous stoneware
	FSZ / Schwarz SY	-	1000 - 1200			3,0	0,5			6,5	7,7			7,5		Feinsteinzeug / vitreous stoneware
Beige Rosé / beige - rose																
	FSZ / GG SY	-	1000 - 1250			3,0	1,5			6,5	7,5			7,8		
Rot / red																
	SZ / ROT SY	-	1000 - 1200			6,0	3,3	1,0		3,3	6,5	7,3		7,9		Feinsteinzeug / vitreous stoneware
Beige - Gelb / beige - yellow																
	FSZ / Gelb SY	-	1000 - 1250			2,5				6,6				7,5		
Grün / green																
	FSZ / Grün SY	-	1000 - 1150			2,5				7,2				6,7		früh sinternd / low sintering
Blau / blue																
	FSZ / Blau SY	-	1000 - 1150			1,8				7,5				6,8		früh sinternd / low sintering

Steinzeug – Gießmassen, flüssig / Stoneware – liquid slip

Farbe Colour	Bezeichnung Name	Schamotte Chamotte	Brennbereich °C Firing range °C	TS % DS %	Wasseraufnahme % Water absorption %				Brennschwindung % Firing shrinkage %				Wäremausdehnungskoeffizient Thermal expansion (20-500°C)				Anmerkung Comment
					1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	1100°C	1140°C	1200°C	1260°C	
Weiß - Creme - Hellgrau / white - cream - light grey																	
	GW SZ	-	1000 - 1260	3,8	10,5	10,0	5,0		2,0	3,0	4,5				7,0		


Steinzeug – Krümelmassen / Stoneware – crumble bodies

Weiß - Creme - Hellgrau / white - cream - light grey																
	GW / TWB 5006	50%, 0 - 0,6	1040 - 1280	1,5	14,5		13,2	12,5	0,7		1,7	1,7			3,3	temperaturwechselbeständig / temperature shock resistant


Steingut – plastisch / Earthenware – plastic bodies

Farbe Colour	Bezeichnung Name	Schamotte Chamotte	Brennbereich °C Firing range °C	TS % DS %	Wasseraufnahme % Water absorption %			Brennschwindung % Firing shrinkage %			Wäremausdehnungskoeffizient Thermal expansion (20-500°C)			Anmerkung Comment		
					1040°C	1100°C	1140°C	1040°C	1100°C	1140°C	1040°C	1100°C	1140°C			
Weiß - Creme - Hellgrau / white - cream - light grey																
	K 140	-	1000 - 1150	5,5	15	13		0,3	0,4		8,2			flüssig / liquid: K 150, trocken / powder: WB 30 PM		
	K 147	-	1000 - 1150	5,5	12			0,2			8,6			trocken / powder: SV / BL - T		
	SG	-	1000 - 1150	5,0	10	9		0,8	1,5		7,9					
	SG - GE	-	1000 - 1150	4,0	14	12,5	12	1	1,5	1,5	7,3			sehr niedrige Feuchtedehn. / very low moisture expansion		
	SG / MV	-	1000 - 1150	5,0	10,5			1,0			7,7			Rollermasse / body for rolling		
	KMO 4002	40%, 0 - 0,2	1000 - 1150	4,5	15			0,1			7,0					
	VC 23	20%, 0 - 0,5	1000 - 1150	6,8	9,5			0,8			7,2					
	KMO 4005	40%, 0 - 0,5	1000 - 1150	3,5	12,5	12	11,5	0,3	0,6	0,8	6,8					
	KMO 4015	40%, 0 - 1,5	1000 - 1150	3,0	13	12	11	0,2	0,5	0,6	7,0					
	VC 30	25%, 0,5 - 2,0	1000 - 1150	5,0	10,5			1,2			7,2					


Hellrot - Rot - Dunkelrot / light red - red - dark red

	RB	-	1000 - 1150	6,0	12	9,5	5	2	2,3	3	7,3			RAM-Pressen, Rollern / body for RAM-pressing, rolling		
	K 143	-	1000 - 1150	5,5	9			2						intensiveres Rot / more intensive red		
	RSG 4002	40%, 0 - 0,2	1000 - 1150	4,0	12,5		8,0	1		4,0	7,3					

Braunschwarz - Schwarz / blackbrown - black

	K 144	-	1000 - 1150	5,8	9	6		3	3,5		7,4					
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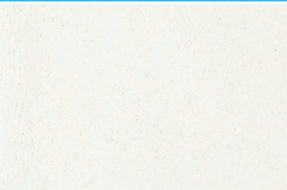
Helles Terrakotta - Terrakotta / light terracotta - terracotta

	SG / TC	-	1000 - 1150	6,8	10	6		1	2,5		7,6					
	Übungston	-	1000 - 1150	6,5	11			3,5			6,5					
	Übungston 2505	25%, 0 - 0,5	1000 - 1150	6,0	9,5			3,0			6,6					


Steingut – Trockenmassen – Gießmassen / Earthenware – blended powders – casting bodies

Farbe Colour	Bezeichnung Name	Schamotte Chamotte	Brennbereich °C Firing range °C	TS % DS %	Wasseraufnahme % Water absorption %			Brennschwindung % Firing shrinkage %			Wäremausdehnungskoeffizient Thermal expansion (20-500°C)			Anmerkung Comment
					1040°C	1100°C	1140°C	1040°C	1100°C	1140°C	1040°C	1100°C	1140°C	

Weiß - Creme - Hellgrau / white - cream - light grey

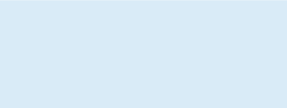
	DGM / SG - PO	-	1000 - 1150	2,5	21	17	16	0,1	0,9	1	7,0			Druckgussmasse / pressure casting body
	GWK - PO	-	1000 - 1150	4,0	14,5			0,3			7,2			Ofenkacheln / stove tiles
	GW SG - PO	-	1000 - 1150	4,0	12	11	11	0,4	0,5	0,7	7,4			
	WB 30 PM	-	1000 - 1150	4,0	16	16	15,5	0,3	0,4	1,3	8,0			flüssig / liquid: K 150, plastisch / plastic body: K 140
	WB 04122 - PO	-	1000 - 1150	3,5	19	19	18	0,9	1,3	1,5	7,7			

Rot - Dunkelrot / red - dark red

	GR - PO	-	1000 - 1150	4,5	10	8,5		0,8	0,9		7,8			
	GR - PO / NEU	-	1000 - 1150	4,5	12	7		0,4	2,5		7,5			flüssig / liquid: GR
	RB 03833 - PO	-	1000 - 1150	4,5	16			0,3			8,2			
	SVM 1 - PO	-	1000 - 1150	6,0	14,5			0,2			9,0			plastisch / plastic body: K 142

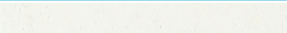
Steingut – Sprühgranulat / Earthenware – spray-dried granulate

Weiß - Creme - Hellgrau / white - cream - light grey

	GW / SW SY	-	1000 - 1150	3,5		15	14		0,2	0,4	8,0			sehr weiß / very white
	FSZ / WR SY	-	1000 - 1150	4,5	15			1,0			6,9			Geschirr / tableware
	White Body SY	-	1000 - 1150	4,5		22			0,2		8,7			hoher WAK / high coefficient of thermal expansion


Steingut – Gießmassen, flüssig / Earthenware – liquid slip

Weiß - Creme - Hellgrau / white - cream - light grey

	GW	-	1000 - 1150	3,5	13,5			0,5			8,0			
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Steingut – Krümelmassen / Earthenware – crumble bodies

Weiß - Creme / white - cream

	GW / PG 4205	42% 0-0,5	1000 - 1150	1,3	15			0,3			7,1			Ofenkacheln / stove tiles
	GW / H 4308 FA	43%, 0 - 0,8	1000 - 1150	1,2	15			0,3			7,0			Ofenkacheln / stove tiles



Porzellan – Sprühgranulat / Porcelain – spray-dried granulate

Farbe Colour	Bezeichnung Name	Schamotte Chamotte	Brennbereich °C Firing range °C	TS % DS %	Wasseraufnahme % Water absorption %				Brennschwindung % Firing shrinkage %				Wäremausdehnungskoeffizient Thermal expansion (20-500°C)				Anmerkung Comment
					1200°C	1240°C	1360°C	1380°C	1200°C	1240°C	1360°C	1380°C	1200°C	1240°C	1360°C	1380°C	
Weiß - Creme - Hellgrau / white - cream - light grey																	
	PC / HTA ISO SY	-	1360 - 1380					0,1				10				5,7	PC / HTA ISO SY, red. / ox.
	PC / Nove - SY	-	1200 - 1240		0,1	0,0			11	11			6,2	5,9			PC / Nove - ISO; ox.
	PC / SW - ISO SY		1200 - 1240		0,1	0,0			11	11,5				6,2			
	PC / W ISO SY		1200 - 1240		1,5	0,1			11,5	12,3				6,5			
Farbig / coloured																	
	PC / Dune ISO SY	-	1200 - 1240		3,5	0,1			9	11			6,3	6,4			
	PC / Green ISO SY	-	1200 - 1240		3,5	0,1			9	11			6,3	6,4			
	PC / Blau ISO SY	-	1200 - 1240		3,5	0,1			9	11			6,3	6,4			
	PC / Pink ISO SY	-	1200 - 1240		3,5	0,1			9	11			6,3	6,4			
	PC / Black ISO SY	-	1200 - 1240		0,2	0			12,2	12,3			6,5	6,6			

Ton - Kaolin gemahlen / Clay – kaolin milled

Farbe Colour	Bezeichnung Name	Schamotte Chamotte	Brennbereich °C Firing range °C	TS % DS %	Wasseraufnahme % Water absorption %			Brennschwindung % Firing shrinkage %			Wäremausdehnungskoeffizient Thermal expansion (20-500°C)			Anmerkung Comment	
					1040°C	1100°C	1200°C	1040°C	1100°C	1200°C	1040°C	1100°C	1200°C		
Weiß - Creme - Hellgrau / white - cream - light grey															
	111 ff	-	-	6,2			5,5			12,0	4,3				feuerfest / refractory
	161	-	-	4,3			0,3			7,0			6,8		
	162	-	-	5,2*			1,0			5,4	7,7				Lehmbau / earth building
	163	-	-	3,5		8,0	3,0		3,0	6,0					
	HVA / PM	-	-	5,8*	20,5		0,2	1,8		8,3			5,8		Ball Clay
	Kaolin MA	-	-	1,6*	45		30	2,8		7,3	2,8		3,9		Gießkaolin / kaolin for casting
	KDG			5,0	28,5	27	14	2,6	3,4	8,5	4,0	4,2			plastischer Kaolin / good plasticity
	WBH	-	-	4,0	31	20	4,5	2,0	5,0	12,5	4,1				plastischer Kaolin / good plasticity
Hellrot - Rot - Dunkelrot / light red - red - dark red															
	FT - RA	-	-	5,0	3,0	5,5	0,8	8,5	8,8	9,5	8,3				
	FT - U	-	-	5,5	11,0	7,5		3,5	4,8						Lehmbau / earth building
Rosa - Cremegelb - Khaki / rose - cream-yellow - khaki															
	204	-	-	3,5	10,0	7,0	0,5	3	4,5	6,5			8,2		
	S1	-	-				0,6			9,8			5,4		feuerfest / refractory

* gegossen / casting

Sibelco worldwide

120
production sites

4,600
people

31
countries

6
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