



# CLAYRAC™

## SHREDDED CLAYS FOR SANITARYWARE

	CLAYRAC 568 S	CLAYRAC 775 S	CLAYRAC 873 S	CLAYRAC 1068 S
SIZE / PRESENTATION	Shredded clay			
<b>MOISTURE</b>				
(% on wet)	18,0			
<b>LOSS OF IGNITION</b>				
(%)	12,4	12,0	12,0	12,0
<b>CHEMICAL ANALYSIS (% on fired)</b>				
Al <sub>2</sub> O <sub>3</sub>	38,6	37,4	37,4	37,4
SiO <sub>2</sub>	59,9	57,7	57,7	57,7
Fe <sub>2</sub> O <sub>3</sub>	1,5	1,5	1,5	1,5
TiO <sub>2</sub>	1,5	1,7	1,7	1,7
K <sub>2</sub> O	0,7	0,8	0,8	0,8
Na <sub>2</sub> O	0,1	0,2	0,2	0,2
CaO	0,3	0,3	0,3	0,3
MgO	0,3	0,3	0,3	0,3
<b>CUMULATIVE RESIDUE BY WET SIEVING (%)</b>				
200 µm	0,2	0,3	0,3	0,5
125 µm	1,2	1,6	1,8	2,0
40 µm	4,5	4,0	4,5	5,0
<b>DEFLOCCULATION</b>				
Density (g/l)	1680	1750	1730	1680
Sodium silicate (‰)	5	5	5	5
Gallenkamp viscosity (°)	310	310	310	310
<b>MODULUS OF RUPTURE</b>				
110°C	3,0 MPa	2,5 MPa	2,5 MPa	2,5 MPa
<b>FIRING 1200°C</b>				
Shrinkage (%)	9,0	8,5	8,5	8,5
water absorption (%)	11,5	12,5	12,5	12,5
Colour shade CEC	B2	C2	C2	C2
<b>REFRACTORINESS</b>				
°C	1730			

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