

Kaolin M20 - 40µm micronized Kaolin

Chemical analysis	SiO ₂	69,3 %
	Al ₂ O ₃	20,0 %
	TiO ₂	1,0 %
	Fe ₂ O ₃	1,5 %
	CaO	0,2 %
	MgO	1,0 %
	K ₂ O	6,0 %
	Na ₂ O	0,0 %
	MnO	1,0 %

Mineral analysis	Kaolinite	33 %
	Mica	31 %
	Quartz	32 %
	Montomorillonite	0 %
	Feldspar	2 %
	Fe-Ti	2 %

Sedimentation analysis	< 63 µm	99,8 %
	< 40 µm	98,0 %
	< 20 µm	91,9 %
	< 2 µm	42,0 %
	D50	2,5 µm

Further data		
Moisture		<1 %
Density		2,6 g/cm ³
Bulk density		0,48 g/cm ³
pH value		6-7
Specific surface		12 m ² /g
Oil absorption		47 ml/100g
Brightness (unfired) (D65, Minolta CR-400)		81
Firing color		beige

Above technical data are for information only. Our materials are sold according to samples and according to our general selling terms.