

MILLED ANHYDRITE

PARAMETER	M.U.	GUARANTED VALUE		TYPICAL VALUE	ANALYSIS METHOD
		Min	Max		
CaSO ₄ *	%	93		97	Calculation
SO ₃ *	%	54		57	XRF
CaF ₂	%		3	2	XRF
SiO ₂	%		0,8	0.2	XRF
K ₂ O	%		0.2	0.010	XRF
MgO	%		0.5	0.10	XRF
Fe ₂ O ₃	%		0.5	0.10	XRF
Al ₂ O ₃	%		0.5	0.15	XRF
Ca(OH) ₂	%		2	1	Titration
H ₂ O 110°C	%		2	1	Thermogravimetric
H ₂ O 360 °C	%		2	1	Thermogravimetric
pH		10		11	Potentiometric

* Data based on sample treated at 360°C after dried at 45°C

PHYSICAL PROPERTIES	M.U.	GUARANTED VALUE		TYPICAL VALUE	ANALYSIS METHOD
		Min	Max		
Particle size distribution	%	Min	Max		Dry sieve analysis
> 0,425	%		0	0	
> 0,090	%	15	25	16	
< 0,090	%	75	85	84	
Flow test	cm	Min	Max		Test Gyps-union
at 1 min		24	28		
at 45 mins		20	24		

MECHANICAL CHARACTERISTICS (Technical Class 20)		
Compressive strength	3 days Min. 8,0 N/mm ²	28 days Min. 20,0 N/mm ²
Flexural strength	3 days Min. 1,5 N/mm ²	28 days Min. 4,0 N/mm ²
Shrinkage or swelling	≤ 0,2 mm/m	
Setting time	initial ≥ 30 min	final ≤ 12 h
Reaction to fire	Organic material < 1% Class A1 _{fl}	

THIS DOCUMENT SHOWS FLUORSID'S STANDARD SPECIFICATION. UPON REQUEST, MODIFICATION MIGHT BE AVAILABLE.