



HUANGHE MINERALS CO.,LIMITED

PRODUCTS SPECIFICATION

PRODUCT ABRASIVE GRADE WA/BFA

VERSION: 2006

CODE: M/P/QA

ORIGIN: CHINA /HN

Grit	Al ₂ O ₃		TiO ₂		Fe ₂ O ₃		CaO	Na ₂ O	SiO ₂	
Chemistry	BFA	WFA	BFA	WFA	BFA	WFA	BFA	WFA	BFA	WFA
F4-F80	95-97	99	2-3.5	Nil	0.2	0.05	0.45	0.35	1.2	0.2
F90-F150	94-96	99	2-4	Nil	0.2	0.05	0.45	0.35	1.5	0.2
F180, F220	93-95	98.5	2-4	Nil	0.2	0.05	0.45	0.35	1.5	0.2

BFA natural color: brown, after burn color: blue, true density: 3.97, Hardness: Moh 9 liner expansion: 8.5x10⁻⁶WFA color: white, true density: 3.93, Hardness: Moh 9, liner expansion: 8.3x10⁻⁶

Grit	Test sieve 1		Test sieve 2		Test sieve 3		Test sieves 3+4		Test sieve 3+4+5		Residue in pan 3%			
	Mm	um	q1%	mm	um	q2%	mm	um	q3+4	mm		um	q3+4+5	
F4	8.00		0 (Permissible Deviation 0%)	5.60		20% (Permissible Deviation+ 4%)	4.75		70%(Permissible Deviation -4%)	3.35		N.S (no specify/)		
F5	6.70			4.75			4.00			3.35			2.80	
F6	5.60			4.00			3.35			2.80			2.36	
F7	4.75			3.35			2.80			2.36			2.00	
F8	4.00			2.80			2.36			2.00			1.70	
F10	3.85			2.36			2.00			1.70			1.40	
F12	2.80			2.00			1.70			1.40			1.18	
F14	2.36			1.70			1.40			1.18			1.00	
F16	2.00			1.40			1.18			1.00			850	
F20	1.70			1.18			1.00			850			710	
F22	1.40		1.00		850		710		600					
F24	1.18		850		710		600		500					
F30	1.00		710		600		500		425					
F36		850	600		500		425		355					
F40		710	500		425		355		300					
F46		600	425		355		300		250					
F54		500	355		300		250		212					
F60		425	300		250		212		180					
F70		355	250		212		180		150					
F80		300	212		180		150		125					
F90		250	180		150		125		106					
F100		212	150		125		106		75					
F120		180	125		106		90		63					
F150		150	106		75		63		45					
F180		125	90		75		63		53	65%	N.S			
F220		106	75		63		53	40% (-4%)	45	60%				

The test of macrogrits F4-F220 according to FEPA 42GB-1984 standard, GB/T 2481.1-1998, JIS R6001-1998, ANSI B74.12-1992 and ISO8486 is carried out by sieving on RO-TAP sieving machine and the test sieves comply with ISO3310/1-1990 standard.