



3-19-21 TOYODA MINAMI-KU NAGOYA JAPAN

PRODUCTS SPECIFICATIONS

TPS-117 REV. 1

2010/5/1

		HIGH ALUMINA BALL		
CHEMICAL COMPOSITION	Al ₂ O ₃	99.3 wt. % Min.		
	SiO ₂	0.3 wt. % Max.		
	Fe ₂ O ₃			
	TiO ₂			
	CaO			
	MgO			
	Na ₂ O			
	K ₂ O			
PHYSICAL PROPERTIES	POROSITY	15 wt. % Max.		
	WATER ABSORPTION	5 wt. % Max.		
	REFRACTORINESS SK	SK 35 (1790°C)		
CRUSHING STRENGTH	SIZE	Kgf		
	3/16"	Min.	100	Kgf
	1/4"		150	
	5/16"		300	
	3/8"		600	
	1/2"		700	
	3/4"		1400	
	1"		1500	
* We guarantee this numerical value to 95% of amount of product.				
SIZE TOLERANCE & BULK DENSITY	SIZE		RANGE	BULK DENSITY
	3/16"	4.5	4.0~5.5	2.05±0.15
	1/4"	6.4	5.5~7.0	2.05±0.15
	5/16"	8.0	7.0~9.0	2.00±0.15
	3/8"	11.0	10.0~12.0	2.00±0.15
	1/2"	13.0	12.0~14.0	2.00±0.15
	3/4"	19.0	18.0~20.0	1.95±0.15
	1"	25.0	23.5~26.5	1.95±0.15



* ABOVE PRODUCTS SPECIFICAITONS MAY BE CHANGED WITHOUT NOTICE IN ADVANCE.