



3-19-21 TOYODA MINAMI-KU NAGOYA JAPAN

**PRODUCTS SPECIFICATIONS**

TPS-117 REV. 1

2010/5/1

		HIGH ALUMINA BALL		
<b>CHEMICAL COMPOSITION</b>	Al <sub>2</sub> O <sub>3</sub>	99.3 wt. % Min.		
	SiO <sub>2</sub>	0.3 wt. % Max.		
	Fe <sub>2</sub> O <sub>3</sub>			
	TiO <sub>2</sub>			
	CaO			
	MgO			
	Na <sub>2</sub> O K <sub>2</sub> O			
<b>PHYSICAL PROPERTIES</b>	POROSITY	15 wt. % Max.		
	WATER ABSORPTION	5 wt. % Max.		
	REFRACTORINESS SK	SK 35 (1790°C)		
<b>CRUSHING STRENGTH</b>	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.				
<b>SIZE TOLERANCE &amp; BULK DENSITY</b>	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.