



INERT BALL SPECIFICATIONS

TPS-125 REV.2

2014/4/24

BSS18 (CERAMIC BALL)				
CHEMICAL COMPOSITION	Al ₂ O ₃ SiO ₂ Fe ₂ O ₃ TiO ₂ CaO MgO Na ₂ O K ₂ O	13.0 wt. % Min. 80.0 wt. % Max. 1.0 wt. % Max. 0.5 wt. % Max. 0.5 wt. % Max. 0.5 wt. % Max. 2.5wt.%Max. } 3.5wt.%Max. } 5.0wt% Max.		
PHYSICAL PROPERTIES	POROSITY WATER ABSORPTION REFRACTORINESS SK	1.0 wt. % Max. 0.5 wt. % Max. SK 12 (1350°C)		
CRUSHING STRENGTH	SIZE	Kgf		
	1/8" 1/4" 3/8" 1/2" 3/4" 1"	Min.	30 85 160 200 450 600	Kgf
SIZE TOLERANCE & BULK DENSITY	SIZE	m/m	RANGE	BULK DENSITY
	1/8" 1/4" 3/8" 1/2" 3/4" 1"	3.2 6.4 9.3 12.7 19.1 25.4	±1.0 ±1.0 ±1.5 ±1.5 ±1.5 ±1.5	1.43±0.15 1.40±0.15 1.38±0.15 1.38±0.15 1.35±0.15 1.35±0.15

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