




## INERT BALL PRODUCTS SPECIFICATIONS

TPS-127 REV.4

2020/4/15

### BSS99 (HIGH ALUMINA BALL)

<b>CHEMICAL COMPOSITION</b>	<p style="text-align: center;">Al<sub>2</sub>O<sub>3</sub> SiO<sub>2</sub> Fe<sub>2</sub>O<sub>3</sub> TiO<sub>2</sub> CaO MgO Na<sub>2</sub>O K<sub>2</sub>O</p>	<p style="text-align: center;">99.3 wt. % Min. 0.3 wt. % Max.</p> <div style="text-align: right; margin-top: 20px;">  </div>																		
<b>PHYSICAL PROPERTIES</b>	<p>POROSITY WATER ABSORPTION REFRACTORINESS SK</p>	<p>15 wt. % Max. 5 wt. % Max. SK 35 (1770°C)</p>																		
<b>CRUSHING STRENGTH</b>	<p>SIZE</p> <p>1/4" 3/8" 1/2" 3/4" 1"</p>	<p>Kgf</p> <p>Min.      150      Kgf</p> <p>                600</p> <p>                700</p> <p>                1400</p> <p>                1500</p> <hr style="border-top: 1px dotted black;"/> <p style="font-size: small; text-align: center;">* We guarantee this numerical value to 95% of amount of product.</p>																		
<b>SIZE TOLERANCE &amp; BULK DENSITY</b>	<p>SIZE</p> <p>1/4" 3/8" 1/2" 3/4" 1"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">m/m</th> <th style="width: 40%;">RANGE</th> <th style="width: 45%;">BULK DENSITY</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">6.4</td> <td style="text-align: center;">5.5~7.0</td> <td style="text-align: center;">2.05±0.15</td> </tr> <tr> <td style="text-align: center;">11.0</td> <td style="text-align: center;">10.0~12.0</td> <td style="text-align: center;">2.00±0.15</td> </tr> <tr> <td style="text-align: center;">13.0</td> <td style="text-align: center;">12.0~14.0</td> <td style="text-align: center;">2.00±0.15</td> </tr> <tr> <td style="text-align: center;">19.0</td> <td style="text-align: center;">18.0~20.0</td> <td style="text-align: center;">1.95±0.15</td> </tr> <tr> <td style="text-align: center;">25.0</td> <td style="text-align: center;">23.5~26.5</td> <td style="text-align: center;">1.95±0.15</td> </tr> </tbody> </table>	m/m	RANGE	BULK DENSITY	6.4	5.5~7.0	2.05±0.15	11.0	10.0~12.0	2.00±0.15	13.0	12.0~14.0	2.00±0.15	19.0	18.0~20.0	1.95±0.15	25.0	23.5~26.5	1.95±0.15
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\* ABOVE PRODUCTS SPECIFICATIONS MAY BE CHANGED WITHOUT NOTICE IN ADVANCE.