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## CERTIFICATE OF COMPLIANCE

Regal Packaging Services Inc., as a supplier of set products, testifies that the ceramic balls used are certified as being accurate and in conformance in type and material specification traceable to standard measurements applicable for this industry. Each lot is verified to attenuate the appropriate x-ray, proportional to the density of the ceramic sphere size/type and x-ray detector settings. The x-ray attenuation achieved from these products does not deteriorate over time and our certificates do not expire. All ceramic spheres meet Occupational Safety and Health Administration requirements under USDL regulations, 29 CFIT 1915, 1916, 1917.

**TYPE**  
Ceramic ZRO2

**SIZE**  
2.0 mm

**CERTIFICATE**  
4179

Compressive Strength	794,837 psi
Max Useful Temperature	1800°F
Thermal Conductivity	0.007 Cal/cm, Sec 0
Thermal Expansion	10.9x10 to the -6th power/°C
Electrical Resistivity	2.2x10 to the 12th power cm
Young's Modulus of Elasticity	30.6x10 to the 6th power, 21700 kgr/mm to the 2nd power
Hardness	1250 kgr/mm to 2nd power
Density	.219 lbs/inch to the 3rd power

Brian P. Kiel  
QA Manager  
Cert. Date July 1, 2017