

# SP-27

(WHITE SPINEL)

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## DESCRIPTION

SP - 27 is a fused, high purity magnesia-alumina spinel grain ( $MgAl_2O_4$ ) produced by the electric furnace co-fusion of high purity magnesia and Bayer process alumina. After solidification and cooling, it is crushed and graded to desired sizes.

## APPLICATIONS

SP - 27 is used in the manufacture of refractories for aluminum and magnesium metal contact, as well as in cement and lime kiln linings.

## TYPICAL CHEMICAL ANALYSIS

MgO	26.50%
Al <sub>2</sub> O <sub>3</sub>	72.76%
SiO <sub>2</sub>	0.10%
Fe <sub>2</sub> O <sub>3</sub>	0.09%
Na <sub>2</sub> O	0.08%
TiO <sub>2</sub>	0.02%
CaO	0.36%

## TYPICAL PHYSICAL PROPERTIES

Color	White
Specific Gravity	3.65
Melting Point	2135° C

## STANDARD SIZES

Please call our Sales Department for available sizes.

This product information is NOT a specification. It is offered in good faith only as a general description of the product. **Washington Mills makes no warranty of merchantability or of fitness for any particular purpose.** The product chemistry and other characteristics may vary or contain trace elements not specifically listed. If your intended application for this product is so critical that relatively minor variations in chemistry or physical properties could cause problems or damage to your process or product, please contact our office for further assistance.